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QCWA JOURNAL

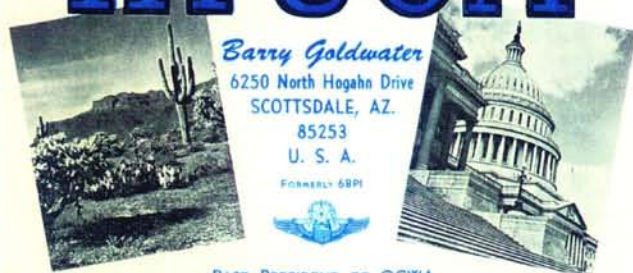
PUBLISHED QUARTERLY

VOLUME XLVII

Fall - 1998

NUMBER 3

K7UGA



K7UGA



K7UGA

**BARRY
GOLDWATER**

6250 N. HOGAHN
DRIVE
SCOTTSDALE,
AZ 85253

MARICOPA COUNTY



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1909-1998

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JOURNAL

Fall 1998/Vol. XLVII No. 3

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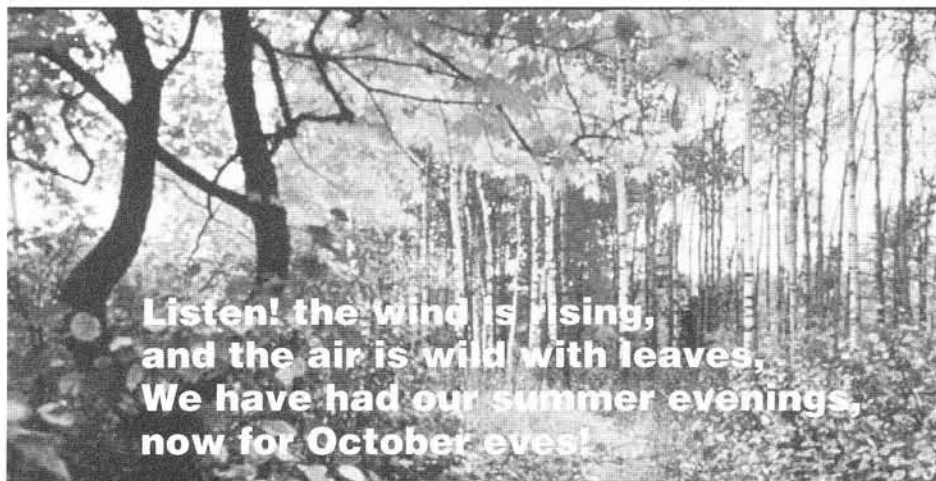
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Cover: A few of the QSL cards of Barry Goldwater, K7UGA. QCWA Journal thanks George Chaet, W1RGH for making them available



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THOSE WHO HAVE SERVED

Past Presidents

John DiBlasi, W2FX (SK)	1947 - 1964
Earl R. Thomas, W2MM (SK)	1965 - 1968
Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA	1972 - 1973
Frank A. Gunther, W2ALS	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP	1994 - 1996
John Kelleher, W4ZC	1996 - 1998

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

The QCWA Journal

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44 Western Lane, Amherst,
MA 01002 (October 1-May
1), 6002 N. Fremont, Tampa,
FL 33604, 813-870-0867.



The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.

From the President

Gary R. Harrison, KØBC



We are putting the final details in place for the 50th Anniversary Recruiting Contest awards. I am planning on attending the Ham Holiday Hamfest in Oklahoma City to present the awards. Gene Nailon, K5DLE, wins the top recruiter and Central Oklahoma Chapter 63 is the top Chapter recruiters.

Chapter 63 usually plans a lunch during Ham Holiday, which will provide an excellent opportunity to present the awards. I have enjoyed the Chapter's hospitality before and they do a good job with a recruiting table at the Hamfest.

I encourage more Chapters to have a recruiting table at their local Hamfest. I attend several hamfests around the country and would help with the table if I can. I am sure that the other Officers and Directors of QCWA attend several hamfests and do this also. If you would follow Gene's advice and "just ask" hams to join our ranks you would be surprised with the results. Headquarters and the Board of Directors will assist you in any way possible, but YOU know more of the local ham population than we do! If you want to operate a recruiting table ask HQ for applications. You may call, send an email, mail a letter or send a message on the 20-meter net. If nothing else, please copy the application blank out of this or any issue of the Journal.

We are running a recruiting contest again this year. If you get 5 new members you qualify for a recruiting award and could even start a new Chapter. Ask the local radio club members to join you in QCWA. Study Gene's Journal article "Confessions of a Recruitaholic." Gene shared his best suggestions that got him the top

recruiting award. Get out there and show the flag (banner) at all of your local club meetings and events!

By the time you get this, the election will be over. We appreciate those members who took the time to cast their ballot. I would like to thank the Teller Chapter for their efforts. Central Oklahoma Chapter 63 performed the Teller functions for this election. The totals are not in yet but I am sure they will have to account for a few thousand ballots. Thanks to the candidates, members and tellers for their efforts on behalf of QCWA.

The QCWA Convention on October 9 - 11 is coming up quickly. The Leo I. Meyerson Greater Palm Springs Area Chapter is planning a really nice gathering. The Convention Chairman, Don Doughty W6EEN, has had lots of experience at this with the spring luncheons the Chapter has been having. My wife and I have attended a few of them. We can tell you what a nice area the Coachella Valley is to visit. As Don has been telling us in the Journal there are lots of restaurants, shopping areas and site seeing places for all to enjoy.

I am looking forward to Dave Bell's banquet speech. I have been fortunate to hear one of Dave's speeches and I really enjoyed it. The antenna forums sound like they will provide information from which we can all benefit. The Board of Directors will have a forum and here is your opportunity to help us create the future of your Association. Since the majority of the Directors will be new to the office, please come and meet them. We'll see you in Palm Desert, California!

Gary Harrison, KØBC

RECRUITING NEWS

Gary Harrison, KØBC



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Jud Whatley, W4NZJ, SK



Long time member and candidate for the QCWA Board of Directors, Jud Whatley, W4NZJ, age 53, Snellville, Ga., was killed on July 28 in an

automobile accident near Lake City, Fla.

Licensed since 1958, Jud was returning from a family trip to Daytona Beach, Fla, when he was fatally injured in a single car accident on I-10. His wife Mary, WA4ALU, his father, three sisters survive Jud, and numerous aunts, uncles, nieces nephews and god children.

Jud was past president of Chapter 49 (Peach State) and was Affiliated Club Coordinator for the ARRL GA Section. His XYL, Mary, asked that in lieu of flowers donations be made to the QCWA scholarship fund.

Jud was a very active ACC for the League. He loved people and people with ham licenses he loved

most of all. In company of the League SM in Georgia he would travel around the state speaking to clubs about new activities and how critical it was for amateurs to be involved with a local club. He stressed the importance of club affiliation and had formally affiliated Chapter 49 with the ARRL.

Jud was instrumental in creating an active amateur station at the Sci-Trek Science museum in Atlanta. On Fridays he would open the station up to groups of children who loved to watch him in a QSO on CW. Until the day he died he was convinced that, presented to them in the right way, kids would willingly learn and use CW.

At Christmas, Jud would gather the neighborhood kids in his shack to talk to Santa Claus (temporarily relocated to nearby Rome Ga). He was enormously popular with the children in his neighborhood. He could fix anything they broke, never talked down to them, and was funny, in short-a neighborhood Mr Wizard.

Jud is missed in Georgia. His southern charm and easy going demeanor charmed everyone whoever met him. He passed at much to early an age.

Sandy Donahue, W4RU

Fred M. Link, W2ALU, SK

Fred M. Link, 93, who died June 18, 1998, had said on previous occasions that some experiences with amateur radio he had early in life helped to lead him to become the foremost manufacturer of police radio communications equipment in the '30s and '40s. His company also manufactured radio communications equipment that was used extensively by the U.S. armed forces during World War II

Fred said that he was the first Eagle Scout in York, Pennsylvania, and it was for a merit badge that he learned Morse code. He worked as a relief Morse operator for a railroad in 1919, at age 14, because many of the

railroad's adult operators had left to serve in the military during World War I.

Not long afterwards, his scout leader interested Fred in amateur radio communications, and Fred began operations with the call sign 3OV. Later on he operated as 3BVA, Fred's own CW station.

He and a friend obtained the call 2ALU, jointly, and later it became W2ALU and was assigned to Fred individually Fred founded Fred M Link and Co. And was a leader in the two way communications field. He sold that business and became a consultant to a number of early communications firms.

Sen Barry Goldwater, K7UGA, SK

Former US Senator, onetime presidential candidate, and noted radio amateur Barry Goldwater, K7UGA, died May 29. He was 89. Goldwater had suffered a stroke in 1996 and had been in failing health.

A staunch conservative, Goldwater was the 1964 Republican presidential nominee and served five terms in the US Senate. He also authored the book *Conscience of a Conservative*. Goldwater retired from politics in 1986. His home was in Scottsdale, Arizona.

As a Senator, Goldwater's legacy included several pieces of Amateur Radio-related legislation. In 1964, Goldwater's bill to allow reciprocal operating agreements between the US and other countries was signed into law. It was his work on the bill that prompted the Arizona Senator to renew his interest in ham radio after a long absence.

Goldwater's 1964 presidential campaign tried to tap into his ham radio connections with a "Hams for Barry" fundraising effort. He took time out of the campaign to address the ARRL National Convention in New York City, on the occasion of the League's 50th anniversary. In his remarks, Goldwater reminisced about his youthful foray into Amateur Radio as 6BPI. He was first licensed in 1921, and joined the ARRL in 1923. "You can't imagine what a relaxation ham radio is for me," the campaign-weary Goldwater told the gathering. He related how, during the GOP Convention earlier that summer, he'd made several hundred contacts from his hotel room using a borrowed Collins S-line. The convention presented Goldwater with a certificate of appreciation for his work on behalf of the hobby (see QST, Oct 1964, p 80). Goldwater lost the 1964 election to Lyndon Johnson.

While serving as chairman of the Senate Communications Subcommittee in 1981, Goldwater introduced landmark legislation proposing several changes to the Communications Act affecting amateurs. In 1982, Congress finally approved and President Reagan signed what came to be known as the Goldwater Amateur Radio legislation, enacted as Public Law 97-259. The measure established the Amateur Auxiliary and the volunteer examination programs, permitted 10-year license terms, and exempted Amateur Radio from the secrecy provisions in the Communications Act. The Goldwater bill also ended years of Congressional wrangling and authorized the FCC to set RFI susceptibility standards for home electronic devices.



A year later, President Reagan signed into law a bill including a Goldwater amendment that allowed the recovery of costs in the Volunteer Examiner program (the FCC didn't authorize the plan until months later, however).

At one point in his ham radio career, Goldwater operated as K3UIG from his Senate office and as K7UGA when he was home in Arizona. He called his Arizona ham shack "bash-hal-ne-ae," which he said was Navajo for "music from iron" or "metal that talks."

Goldwater was a life member of the ARRL. He was elected president of the Quarter Century Wireless Association in 1971. A pilot during World War II, he held the rank of General in the Air Force Reserve and was an active member of Air Force MARS. During the Vietnam War era, Goldwater

handled hundreds of thousands of phone patches. He also held a pilot's license and occasionally operated aeronautical mobile.

In 1983, Amateur Radio paid homage to Goldwater as "its governmental protector and advocate" by establishing the \$5000 ARRL Scholarship to Honor Barry Goldwater, K7UGA. In announcing the scholarship, then-ARRL Washington Area Coordinator Perry Williams, W1UED, said that Goldwater's Amateur Radio involvement had "brought joy to thousands of members of the armed services stationed overseas, and through his professional career, he has exemplified the principles of commitment and service to one's country and fellow citizens."

Then-FCC Chairman Mark Fowler said the Amateur Radio community was lucky to have Goldwater as its "elder statesman" in government and noted that the FCC often had Goldwater review ham-related proposals before it took action on them.

The Goldwater scholarship, administered by the ARRL Foundation, is awarded each year to a deserving radio amateur to encourage a spirit of achievement and dedication in the field of communication.

ARRL Executive Vice President David Sumner, K1ZZ, said that of amateurs in the public sector, Goldwater was "without peer." Southwestern Division Director Fried Heyn, WA6WZO, called Goldwater "a super ham" who was "concerned about the future of Amateur Radio."

Goldwater's first wife, Peggy, died in 1986. The couple's two sons and two daughters and Goldwater's second wife, Susan, are among his survivors.



Gen. Manager's Report

Jim Walsh, W7LVN

The big news right now is the results of the election. There is also bad news which was received just before the final returns were tabulated. We received the news that one of our candidates for director was killed in an auto wreck. Jud Whatley, N4NZJ, was returning home from visiting his father in Florida and was involved in an accident. Here was a bright young man who was very articulate and we lost him.

The results are about as expected with 11 running for 10 director positions, and then one becomes a SK. Here are the results starting with the four officers and then continuing with the 10 directors:

Croft Taylor, VE3CT	2757
Gary Harrison, K0BC	2748
Chuck Walbridge, K1IGD	2746
Duke Knief, W2YTO	2742
John McKinney, Jr, W0AP	2589
Charles Dorian, W3JPT	2569
John Swafford, W4HU	2540
John Edel, K8LBZ	2514
Alan Pickering, KJ9N	2506
Robert Buus, W2OD	2505
Arch Doty, W7ACD	2483
Harry Lewis, W7JWJ	2466
George Roach, VE3BN	2325
Harold Chase, W1EES	2245

A quick note about the Directory update. It is progressing fairly well and we should have some cost figures in a few weeks. Please remember this is an update of some of the call sign pages, NOT a complete new Directory. We planned to update about 1/3 each summer, but it now turns out that we can do about 1/2 of the call signs each summer and also include any other pages that need to be updated. This first update will include call areas from "1" through "6", and include an updated Board list and an update on the Scholarship awards.

See you all in Palm Springs this October 9th and 10th. Yuh hear?

Jim, W7LVN

Memorial Scholarship Fund Donations

<u>NAME</u>	<u>HONORING</u>
JACK TROSTER	W6BDE
CHAPTER # 32	W1W0X
CHAPTER # 32	W1CUY
DICK THOMPSON	KE4XM
YORKE & BETTY PHILLIPS	W1VPF
CHAPTER # 112	AA4GR, K1DUG, W1VPF
CHAPTER # 49	W4RK
CHAPTER # 63	W5MCM
CHAPTER # 126	KD4VYP
CHAPTER # 149	W1VPF
LEO & HELEN MEYERSON	W9VKC
JOSEPH DEVLIN	ED STILL, 4TH CAV
CHAPTER # 55	W9BCC, W9FIO & W9COG
ESTATE OF W7BDE	
CHAPTER #10	W4GHR
CHAPTER # 41	W5KF
JAN SCHEUERMAN	W6BDE
WES & BLANCHE RANGLES	W6BDE & W1VPF
MARY WHATLEY	K4IZI
JUDSON WHATLEY	K4IZI
CHAPTER # 49	K4IZI
CHAPTER #51	W5IWA & WA5DBA
CHAPTER # 63	K5KZV
IMPACT, INC	W4NZJ
SNELLVILLE ANIMAL HOSP	W4NZJ
LORRAINE D'ANGELO	W4NZJ
WILLIAM C. THOMAS	

Directory Update

As planned and announced a year ago, about 1/3 of the call areas in the Directory will be updated in June. There will be a charge to cover the printing and mailing expenses. It is anticipated to be about \$4.00 to \$5.00.

In order to plan the printing order, it is necessary for you to indicate your desire to order a copy. Please send your call and name (with e-mail address if available) as soon as possible. Once the printing quantity and costs are determined, QCWA Headquarters will notify you of the directory cost.



THE GATEWAY ARCH

FOREST PARK



ST. LOUIS CITY ART MUSEUM
SIX FLAGS OVER MID-AMERICA

ST. LOUIS ZOO

GRANT'S FARM

ANHEUSER BUSCH BREWERY

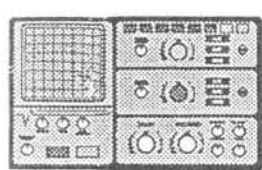
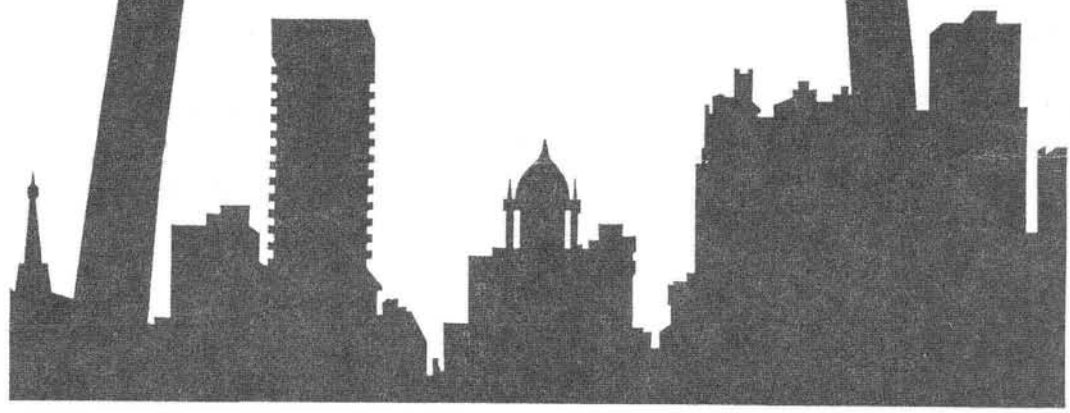
MEET ME
IN ST. LOUIE,
LOUIE!



SEPTEMBER 24 & 25, 1999

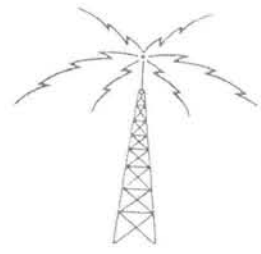
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CONVENTION OF THE CENTURY
AND THE MILLENNIUM!

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LAKESIDE CHALET



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CALIFORNIA

SEE ROGER VOLK, K0GOB



QUARTER CENTURY WIRELESS ASSOCIATION, INC.
STATEMENTS OF CASH FLOWS
December 31, 1997 and 1996

	<u>1997</u>	<u>1996</u>
Cash flows from operating activities		
Change in net assets	\$ 86,027	\$ 65,785
Adjustments to reconcile change in net assets to net cash used by operating activities:		
Depreciation	607	863
(Increase) decrease in accounts receivable	1,414	(565)
(Decrease) in unearned membership dues	(40,333)	(13,587)
Increase (decrease) in accounts payable and other accrued expenses	(5,011)	4,535
Net realized (gain) loss on sale of investment/assets	78	(7,883)
Increase in unrealized appreciation	<u>(23,575)</u>	<u>(6,501)</u>
Net cash provided by operating activities	<u>19,207</u>	<u>42,647</u>
Cash flows from investing activities		
Cash proceeds from sales of investments/assets	134,543	142,418
Purchase of investments	(275,441)	(169,605)
Purchase of equipment	<u>---</u>	<u>---</u>
Net cash provided (used) by investing activities	<u>(140,898)</u>	<u>(27,187)</u>
Net increase (decrease) in cash	(121,691)	15,460
Cash, January 1	<u>136,105</u>	<u>120,645</u>
Cash, December 31	<u>\$ 14,414</u>	<u>\$136,105</u>

QUARTER CENTURY WIRELESS ASSOCIATION, INC.
STATEMENTS OF FINANCIAL POSITION
December 31, 1997 AND 1996

	<u>1997</u>	<u>1996</u>
ASSETS		
Current assets		
Cash and cash equivalents	\$14,414	\$136,105
Accounts receivable	<u>3,341</u>	<u>4,755</u>
Total current assets	17,755	140,860
Long-term investments	599,012	434,551
Property and equipment (net)	<u>2,066</u>	<u>2,739</u>
Total assets	<u>\$618,833</u>	<u>\$578,150</u>

LIABILITIES AND NET ASSETS

Current liabilities		
Accounts payable	\$ --	\$ 23
Accrued liabilities	22,590	27,578
Deferred revenue	<u>189,070</u>	<u>229,403</u>
Total current liabilities	<u>211,660</u>	<u>257,004</u>
Total liabilities	<u>211,660</u>	<u>257,004</u>
Net assets		
Unrestricted	127,127	91,212
Temporarily restricted	51,030	47,971
Permanently restricted	<u>229,016</u>	<u>181,963</u>
Total net assets	<u>407,173</u>	<u>321,146</u>
Total liabilities and net assets	<u>\$618,833</u>	<u>\$578,150</u>



RULEs & REGs



by Jack Kelleher, W4ZC, 612 Ednor Rd., Silver Spring, MD 20905

This column presents a summary of recent significant actions in the area of domestic and, as appropriate, international Rules and Regulations.

David Sumner's editorial in the September issue of QST says that nothing else in the history of Amateur Radio matches the controversy that has surrounded changes in the structure of license classes, requirements and privileges. Here is some recent history on the matter which may help you to better understand what's going on, and why.

By the time you read this you will know all about ARRLs proposal for restructuring licenses in the Amateur Radio Service. Some of the comments thereon imply that the proposal was hastily-prepared and inadequately considered. The record refutes this implication.

The second 1998 Meeting of the ARRL Board took place on July 16 - 18 in Rocky Hill, CT. A major item on the Agenda was action on the Amateur Radio Service's licensing restructuring, which had been on the Agenda of the ARRL WRC-99 Planning Committee from its inception in 1996.

The March 1st 1998 issue of the W5YI Report highlighted several ongoing FCC actions pertinent to a biennial review of all of its regulations applicable to licensees to determine whether certain rules are no longer necessary. The Communications Act requires such a review in every even-numbered year, with the objective of eliminating of modifying regulations that are overly burdensome or no longer serve the public interest.

The FCC released a list of 31 proposed initiatives to be explored as part of the 1998 review. One of these concerned the Amateur Service. The FCC said that it was looking toward streamlining Part 97 Amateur Radio Service Rules, and that it would seek comment on amending the FCC Rules to privatize further the administration of the Amateur Radio Services and simplify the licensing process.

Deputy FCC General Counsel David H. Solomon was appointed last fall to coordinate the review with assistance from Senior Managers from Bureaus and Offices. In a November 1997 press release the FCC said that "The Bureau/Office proposals will be presented to the Commission for consideration this winter and next spring, with proposals for final action to be presented to the Commission next summer and fall.

On January 21, 1998 the Wireless Telecommunication Bureau held a public forum focused on: Streamlining WTB data collection processes and application information; and modification of licensing rules to permit increased operational flexibility, to promote technical innovation, to develop workable sharing criteria, and to clarify the

Commission's role in facilitating coordination among licensees. This sounded like pretty heavy stuff.

The FCC also said that beginning February 9, 1998, members of the public may submit suggestions regarding any proposed rule changes.

Also in late 1997 the FCC took a step toward implementing its new Universal Licensing System. (ULS). Ultimately, the ULS will give hams and other licensees online access to make license updates and renewals, eliminating the need for hardcopy forms like the venerable Form 610. An FCC Public Notice said the ULS is aimed at combining the 11 different licensing systems the Bureau now uses—including Amateur Radio—into a single system.

The Annual Conference of VECs (Volunteer Examination Coordinators) took place at Gettysburg in early July. VECs indicated interest in learning more about the rumored restructuring of the Amateur Radio Service (e.g., reducing the number of license classes, and reducing code speed requirements). Answers to their questions were not comforting.

This background led to the decision by the Board to promptly publicize the League's proposals for restructuring, and to present them to the FCC (in a letter dated July 22) which said in part:

"It has come to the attention of the American Radio Relay League, Incorporated, the national association of amateur radio operators in the United States, that the Commission is presently considering a draft item pursuant to the 1998 Biennial Review process which relates to the Amateur Radio Service.

It is our understanding from discussions with the Wireless Telecommunications Bureau staff that this item will address several varied topics of current interest in the Amateur Service. Among these is an examination of certain licensing requirements for Amateur operators. The League's Board of Directors, which constitutes the most representative body of amateur radio operators in the country, has studied the amateur licensing structure for the past two and one-half years.

The League feels strongly that the Biennial Review process offers a timely and needed opportunity for simplification of what is now an overly complex licensing structure for the Amateur Service. Participation in the Amateur Service can be increased, and the benefits of Amateur Radio can be made available to more people. By increased participation, Amateur Radio can provide even more service to the United States than it does currently, with a simpler licensing structure. It is possible to reduce the regulatory burden on licensees, while preserving the opportunities for technical self-training that the Service now offers. Because Amateur Radio license examinations are administered and coordinated entirely in the private sec-

How many years can a leap year leap, if a leap year...?

Gene Pentecost, W4IMT

Almost everyone is aware of the Year 2000 (Y2K) problem. Some technical publications have mentioned the uncertainties caused by 2000 being a leap year, but not 1900. How could this be possible? Don't we have a leap year every four years? I asked several people, including the Senior Technical Editor of the most prestigious journal for Electrical and Electronic Engineering, and received no wisdom. I gave up. Then I accidentally found the answer in an old textbook on Spherical Astronomy. So you may rest easy, I will tell you about leap years.

Julius Caesar introduced the Julian calendar that recognized the year was 365 and 1/4 days long. Three years were 365 days long and then one leap year was 366. That should take care of it. Right? Not exactly.

As the centuries went by, it was obvious that the sun was not in sync with old Julius' calendar. In 1582, Pope Gregory introduced the Gregorian calendar. (It was not adopted in English speaking countries until 1752.) In the Julian system the years 1600, 1700, 1800, etc. would all be leap years. In the Gregorian calendar a year ending in two "naughts" is NOT a leap year. Now THAT should take care of it. Right? Not quite.

The Pope further said if the year ending in two naughts is divisible by 400, it is a leap year. And that is why 2000 is a leap year and 1900 was not.

In spite of the Pope's infallibility, this calendar gives us an average year of 365.2425 solar days against the true value of 365.2422. But we won't have to worry about that for a long time.

Knowing this, you should be able to sleep well tonight.

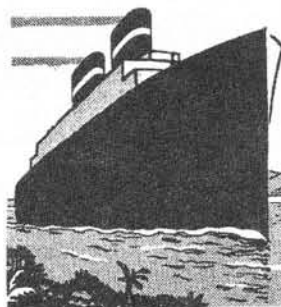
In addition to the reference cited above, I am indebted to Julius Caesar, Pope Gregory, and Jack Hill, W4KH, who suggested the title.

Rules & Regs - Continued from page 10

tor, there will be no regulatory burden on the Commission from any changes adopted.

Therefore, the League wishes to present for your consideration a comprehensive restructuring proposal for amateur radio licensing. The purpose of presenting this to you now, by letter, is not to forestall or preclude the Amateur Radio Biennial Review item, but rather to complement the considerable work that we understand has already been performed by your Wireless Telecommunications Bureau staff. It is hoped that the instant proposal is timely in view of the draft now under consideration."

QCWA has established an Ad Hoc Committee on license restructuring to draft a proposed QCWA position on this matter. The Chairman is President Emeritus Leland Smith, W5KL. A Special Hotlines Report was mailed via first class mail to all active Chapters on August 1st. If you have not commented already, comments should be addressed to Leland Smith. Contact information appears on page 2 of each issue of the QCWA Journal.



Hasty Voyage

by Earl Tonjes (et@atlantic.net)

One fine summer day in Southampton (England, 1939) I watched from dockside as the S.S. QUEEN MARY departed for NYC. Very colorful, very MASSIVE—and

musical as the band played, etc. Then that gigantic steam whistle bid us farewell—something you felt through your feet as the entire waterfront resonated. The band was over-whelmed so stopped trying to compete.

I was in England as a radio operator on the world's largest yacht, named at this time M/V SEA CLOUD (It was formerly called the HUSSAR, when it's owner was married to E. F. Hutton, but all marine radio operators knew it/her as WCEQ. . .i.e., the Q.M. was GBSS, later the Q.E. was GBTT). It belonged to the wife of America's ambassador to Belgium, Mrs. Joseph E. Davies, nee Marjorie Post daughter of C. W. Post, whose cereal products you've likely purchased. The SEA CLOUD not only had the three square-rigged masts, with yard-arms, required for a vessel to be termed a ship, but it also had a fore/aft "spanker" sheet astern. These were 165-foot-high masts, on a vessel 350 feet long. It sounds like a lotta go-power there, eh? Well, just in case the wind failed, the clipper-like hull was filled with diesel engines (four giant Nordbergs, which cranked two screws).

This elegant yacht had berthed mostly in Antwerp that summer, used for embassy social outings, etc. However, late that summer we were ordered to return to the NYC yacht club. A few days later the Q M departed once again for NYC, this time carrying among its passengers the good ambassador and Mrs. Davies. When we were about half-way across the North Atlantic we received a radiogram from the stately QUEEN MARY, written by Davies, ordering us to be at a certain QTH one morning with all sails in place. Aye, the QM rapidly sailed by—quite close. We could imagine the owner proudly telling the other first-class passengers that THERE was his/her yacht, etc.

Why were THEY not aboard WCEQ? That top-heavy sailing ship, when not under sail, rolled very unpleasantly in the open sea. Not much later we learned the real reason they left Europe just then, and on a much faster vessel. Almost immediately after our docking in home waters, Germany invaded Poland. Don't tell me that the embassy did NOT know what was about to happen.

**QCWA National
SSB Net
Sundays at 2000Z
on 14347**

Amateur Radio Satellite News



by Keith Pugh, W5IU, Vice President, Operations, AMSAT-NA,
3525 Winifred Dr., Ft. Worth, TX 76133

Satellites in Education: The Riverside Applied Learning Center Young Astronaut Fair, and The AMSAT-UK Space Colloquium '98

INTRODUCTION -

Last issue, plans were discussed for utilizing Amateur Radio Satellites for educational purposes in conjunction with a "Young Astronauts Fair" at the Riverside Applied Learning Center (RALC) in Fort Worth, TX. This issue will describe the gratifying results of that effort.

AMSAT-UK hosted their 13th annual Space Colloquium at the University of Surrey on 31 July through 2 August 1998. Also, just prior to Colloquium '98, an Amateur Radio in the International Space Station (ARISS) meeting was held at the same location. My impressions of these important meetings will be presented as a second topic.

RALC Young Astronaut's Fair - The Plan in Review

Last issue, Dr. Debbie Coonrod's initial plan for the Young Astronaut's Fair and the disappointment experienced when it was learned that a dedicated contact with the Russian Space Station, MIR, could not be arranged on a timely basis were described.

Briefly, the following ideas evolved to "fill the gap." Why not talk to space related people through Amateur Radio Satellites? There are sixteen or seventeen active Amateur Radio Satellites that can be utilized on a daily basis. All we need to do is set up a satellite station at the school and arrange some contacts. Although HF Radio contacts do not involve satellites, HF Propagation is dependent upon space (the Ionosphere) and could be used as well to illustrate uses of space for communications. Of course that meant setting up an HF Station as well.

My first thought was to arrange contacts with personnel at the Kansas Cosmosphere in Hutchinson, Kansas, through W0WR, the permanent Amateur Radio Satellite Station in the Kansas Cosmosphere. The second thought was to utilize AO-27 for live demos with an "Arrow Antenna" and a dual band HT. Stations from throughout the country can check in "live" and be plotted on a giant map. AO-27 contacts could be accomplished before the 24th and during the Young Astronaut Fair as well. The third idea involved the Digital Satellites. The plan was to put the "word" out ahead of time and solicit greetings from all over the world via the digital "Birds." The greetings were to be downloaded "live," on a giant screen, during the Young Astronaut Fair. MIR was to be utilized to demonstrate use of the MIR Personal Message System, and replay of the special APRS experi-

ment that took place in March. MIR was also to be used as a visual and audible space object in the evenings before the Space Fair. Last, schedules were made on 20 meters with two time Shuttle Astronaut Dr. Ron Parise, WA4SIR, at WA3NAN, the Goddard Space Flight Center Radio Club Station, and with Steve Ford, WB8IMY, of the ARRL Staff, via W1AW.

Execution -

April 16 was picked for the first visit with the Kids based on an excellent MIR visual sighting opportunity that evening. A time was arranged in the morning to give Dr. Coonrod's First Grade a special introduction to Amateur Radio Satellites. Mike Heskett, WB5QLD, and I talked for about 90 minutes to approximately 90 Kids about Amateur Radio, Space, HF Propagation, and Satellites. The talk was illustrated with a Globe, simulated orbit tracks, Laser Pen, mirrors, QSL Cards, a Computer running Satellite Tracking Software, radios, antennas, etc. The Kids "ate it up" and asked many good questions.

Following the talk, the Kids were taken outside into the school yard and treated to the first AO-27 demo. This was an Easterly pass and many stations were heard by all. We were successful in making several contacts near the end of the pass. After a lunch break, the Kids came back for the second AO-27 pass. This Westerly pass was higher elevation and we had much better luck making contacts. Many contacts were made all over North America with nothing more than a dual band HT and the Arrow Antenna. Before the pass was over, the Kids were eagerly plotting all of the stations heard and worked on a large map of North America spread out on the lawn.

MIR came by immediately after AO-27 and its PMS was going strong on 145.985 MHz. We had a radio, TNC, and computer set up to receive and decode the packet information. The noise and the information fascinated the Kids. All 90 Kids cycled by the computer screen to view the information.

MIR was also the "star" of the last event on April 16. A brilliant visual sighting opportunity was to be available at 2115 local (a weather contingency backup date of April 18 was planned). The Kids were told to get ready for bed, since it would be "bed time" by the time the pass was over and to bring their parents to the school at 2030 for a talk and the "Visual Sighting Party." Approximately 200 Kids and Parents came back to the school for the party. The weather was perfect! The sighting geometry was discussed and illustrated in the school Gymnasium for about 30 minutes before going out to the commandeered the 20-meter kilowatt rig for our schedule. With this rig, we were successful and spent an

enjoyable hour letting the Kids ask Ron questions via 20 meters. This interview was piped throughout the school on the PA system and everyone enjoyed it!

An hour later, we had a successful contact with Steve Ford via W1AW. About the time we ran out of anything to say, the band folded and we lost W1AW. For those not familiar with the US, when we cannot hear W1AW in North Texas, the band is certainly dead. Forty meters opened up in the afternoon for our second schedule with W0WR, but the Fair was winding down by that time and there was not much involvement by the Kids.

Wrap-Up -

In general, everything went as planned. Only the HF propagation proved troublesome. It has been years since I received this much satisfaction for anything I did. Seeing the Kids smile, ask questions, and pay attention restored my faith in our youth. We hear so many bad stories today about Kids that it is refreshing to see the interest generated in this group. The real "hero" of this whole operation is Dr. Debbie Coonrod. If we could clone her many times over, there would not be any problems in the schools today. This was my first involvement with the Applied Learning Process and I am impressed. The Kids "learn by doing" projects. Parents are required to participate in the school projects with the Kids as a condition to keeping the Kids in the program. This parental involvement is a "breath of fresh air" too, and is certainly key to the success of the program. We have been asked back to the school for a Career Day, and Dr. Coonrod, although not currently a "ham," plans to start a school radio club next year. I'm sure we'll be back again.

These are just a few of the possibilities for Amateur Radio, and Amateur Radio Satellites in Education. Many other educational projects have been done utilizing UO-9, UO-11, and DOVE. Let's keep this type of involvement going, after all, education is a large part of our reason for being.

AMSAT-UK Space Colloquium '98 & ARISS Meeting

This year's trip to the University of Surrey was literally a "breath of fresh air." In Texas, we were on our 35th day of 100 degree plus heat and suffering from an extreme drought when I left. In the UK, temperatures were around 70/55 degrees (day/night), What a relief!

I arrived in time for the last half day of the two-day ARISS meeting. Working group meetings continued throughout the following three days of the Colloquium. All countries involved were represented at the meeting; however, Russia was tied in by telephone conference only. Roy Neal, K6DUE, chaired the general meeting and ran a "really good show." Issues such as: station definition, station call sign, station control and administration, station construction, and many others were discussed and dispositioned. Frank Bauer, KA3HDO, during the Colloquium, gave a report of the meeting. First elements of the ISS will be placed in orbit this fall and first occupation of the station is scheduled for mid 1999.

Friday was the first day of Colloquium '98 and was devoted to operational topics along with several student papers presented by advanced degree students from the University of Surrey Space Program. Yours truly presented a paper on "Satellites in Education: The Riverside Applied Learning Center Young Astronaut Fair." In the evening, the outdoor barbecue was rained out and moved indoors. Following the indoor barbecue, there were three more papers presented and then we adjourned to a Campus Pub for the annual "Pub Quiz." Teams were formed and donations to Phase 3D made for entry. The quiz consisted of 40 space trivia questions presented by Paul Wilmott, VP9MU. At the conclusion of the quiz, papers were exchanged with the adjacent table for grading. The quiz we graded got 15 right. Our table and one other got 14 right. Fifteen was the best score and we had a tie for second! This performance won us another round of "807s."

Saturday was basically Phase 3D day. Reports on all aspects of its construction, operation, and ground station design were presented. The big question: the German team in this way answered "When will Phase 3D be launched?" "Sensitive negotiations are underway. We cannot disclose any details, but we have a high degree of confidence that Phase 3D will be launched within the next twelve months or less." This news is certainly better than the gloom and doom that followed the announcement a month ago that Phase 3D would not fly on Ariane 503. Saturday evening the banquet was followed by the annual Phase 3D Benefit "Junk Sale." Ron Broadbent, G3AAJ, again served as auctioneer and brought in a goodly amount for the coffers of Phase 3D and the ARISS.

Sunday was International Day with additional discussion of the ARISS and International Satellite Frequency Coordination. In the afternoon, the RSGB Young Amateur of the Year gave a very inspiring talk. The last official activity of Colloquium '98 was the AMSAT-UK annual meeting. It is always interesting to contrast the relatively formal AMSAT-UK meeting style with the AMSAT-NA meeting. Sunday evening those staying over boarded a bus for a tour of the countryside including Windsor Castle, Runnymede - Birthplace of Magna Carta, Ascot Park Race Track, and a Pub Visit for Dinner.

Colloquium '98 ended on Sunday, but I had a day to kill on Monday. The day was a rainy one so I opted for a train trip to Cardiff, Wales. This was prompted by a desire to be able to say that I had visited the home of my "Pugh" ancestors. The day was enjoyable and I had a good lunch in Cardiff. After looking at the bilingual English/Welsh signs, I'm glad I don't have to pronounce the Welsh names.

The trip back to Texas was uneventful. If you get the chance, I highly recommend a visit to the AMSAT-UK Space Colloquium. If you can't make it to England, by all means try to come to the AMSAT-NA Space Symposium in Vicksburg, MS, October 16-18, 1998. Meanwhile, I'll "see you on the Birds."

Keith Pugh, W5IU AMSAT VP of Operations



SYLver Belles



by Esther Given, W6BDE, 6740 Evergreen Ave., Sebastopol, CA 95472

Esther had prepared the following article prior to her passing and we would like to include it as her final column. Ed.

Betty Strattan's story follows:

When I was a child we often visited the home of one of my mother's friends. The woman had a son about my age, and the first time I ever saw or heard of "amateur radio" was on one of those visits. The boy had built a complete station in the attic.

I went to college in New Jersey, at a campus which is now a part of Rutgers University. It was wartime, and all the hams were off the air for the duration of World War II.

One day Adele, a former roommate of mine, was looking for a date for her boyfriend's buddy, a young man who was a ham. It seems that in the absence of radio, he didn't have much to do in with all that spare time. She wanted to go out with Fred, but what to do about his pal Bill? Adele found a date for him, but at the last minute that young lady backed out. That explains why she was suddenly at MY door, insisting that I should get dressed - I had a date!

Bill, W2KBH, was living on Long Island, and my home was in Hamden, Connecticut. Gasoline was rationed, of course, so Bill took a few train rides to New Haven that summer. I then went off to the University of New Hampshire for graduate school. Several long train rides by Bill kept the friendship alive. The next summer Bill proposed, and I accepted. We were married June 15, 1944, which was my parents' 25th wedding anniversary.

We started married life in an apartment in Hasbrouck Heights, New Jersey. Later we moved to Lodi, where Bill was able to get back on the air. He even put up a wooden tower for his antenna. His shack was a corner of our bedroom. Then and there I decided I did not want to be a "radio widow," so I started studying for my license.

Meantime, I was pregnant, so it was a good time to study for the test. In May of 1946, I went down to Canal Street in Manhattan to the FCC office and took my test. I just made the CW test, which qualified me to take the theory portion of the exam.

The tests were very different then. There were schematics to interpret, and also to draw, but no multiple choice questions if I remember correctly. After what seemed a very long wait, my license arrived. I know the exact date - June 22, 1946 - because my daughter was born on June 26th. Needless to say, I didn't have much time for operating. I did have a few contacts with my OM when he deliberately went mobile so I could get on the air!

The next few years were in a sunspot cycle peak, and I was able to work DX on 10 meters. I made a few contacts around the world between house and baby care commitments. We moved to a home in Fair Lawn, and the rigs

and wooden tower were set up in the new location. It was to be our QTH for the next 12 years.

I found some YLs on the air and started to collect QSL cards for the YLCC certificate offered by YLRL. It was during this time that I joined YLRL, and since then I've added several 5-year seals to my Continuous Membership certificate.

One particular interesting ham radio-related incident comes to mind from that era. Our phone lines were down, and my parents were coming in from Connecticut - but we were all sick and needed them to postpone their visit. Bill got on the radio, contacted a ham in the next town and ultimately we were able to notify my parents not to come. We did not contact them by radio - rather, the other ham was able to notify our phone company, and had them make the necessary repairs to the lines so we were able to telephone the family ourselves.

During the time we lived in Fair Lawn, we had a second child, and among other things, Bill joined the Northern New Jersey Radio Club. I went to a few meetings with him, and I also attended a few YL meetings in New York City.

Meanwhile, Bill was laid off and we needed some income in the house while he was job hunting. I found out that if I attended summer school, I would qualify to teach elementary school, so that is what I did. That took care of my on-air time though!

Bill eventually got another job - because of amateur radio. A friend who was also a ham came by and told him about an opening. Although we were glad for the job, the company then moved to Poughkeepsie, New York. So in 1960, we went house hunting and found the lovely old house in LaGrangeville, where I still live.

In choosing this particular house, we were impressed with several features: There was a four-acre field, just perfect for an antenna farm. But even more important, there was a three-room cottage on the property. Just perfect for a radio shack. There were drawbacks, too, to be sure, but on the whole it was just what we wanted. Bill immediately set up the rigs there. As soon as possible he installed the tower in that field. By this time the wooden tower had been replaced by a metal one. We put in an intercom so I could call Bill to supper and the phone. Later a phone extension was added.

I was able to get a job teaching in the next town so my activity on the air was somewhat limited, with my family and a job. However, I did manage to get out to the "shack" at least once a week. One summer I attended a teacher's workshop. Lo and behold, the caretakers were both hams! Jan Scheuerman told me to phone Bill and set up a sked. Only trouble was, they had only CW equipment, and I had let my CW drop since taking the exam. I did manage to

work Bill at about 5 wpm. Jan decided I had better get back up to speed. So when I returned home, we had a regular weekly sked on CW and I eventually was able to do 20 wpm and pass my Extra after several tries. Jan, then WB2JCE, is now in Florida, with the new call KJ4N.

We joined ARRL and ultimately we became life members. I was already a member of YLRL, and there was also a group of YLs on 80 meters whom I joined that eventually became SAYLARC, the Second Area Young Ladies Amateur Radio Club. But that is another story! I have been active in SAYLARC and served as president for a couple of years. SAYLARC has about 100 members,

many of whom check into the Friday and Saturday morning nets. We have luncheons about twice a year in various locations in the two states.

Bill and I both joined QCWA, the Northern New Jersey Chapter. We knew several members from the NNJ Radio Club. When we moved to New York we continued to attend their meetings. Meantime, I did join QCWW and was able to get on the nets in the summer. I do attend many of the QCWW meetings at the annual convention. Since my son lives in Kansas City, the last convention site, and Bill's sister and family live north of KC, I attended that convention, rooming as usual with Ann, K9RXK.

Now all my "descendants," (except one) are licensed hams. Son Robert (Bob) in Kansas City is WR0M. We have a regular sked twice a week on 20M. Daughter Margaret (Midge) now has her no-code Tech, as has her oldest son Trevor. Bret, my youngest grandson, doesn't see any need to get his license since he can talk "all over the world" on the Internet. Robert's son Kevin is licensed too.

One of our local ham friends persuaded us to join Army MARS. Bill's MARS call sign was AAR2CC, and mine is AAR2FN. We enjoyed the program and participated regularly in their nets.

I retired from teaching in 1975. Bill had retired from IBM two years earlier. We had a camping trailer and enjoyed traveling, so when an incentive for early retirement was offered, I took it. We did some hamming on our trips, and later we sold the trailer and bought a mini-camper. The camper had a good place for a rig and an HF antenna was installed which made operating on the road much better.

Bill became a Silent Key in 1991. Of course, my life changed, but I did keep up my ham radio. I became more active in MARS, and now I am New York State Director. That keeps me plenty busy. You should see the paper work it entails!

I have found a friend in Frank Guptill, WO1Z. We met when he was state MARS director of Connecticut, and we have enjoyed attending hamfests and conventions. What the future will bring, of course I don't know, but I am sure amateur radio will have a major part in it for me.

Your Official QCWA Badge



Many of you have asked and now we have an official QCWA Badge for you to wear at amateur functions. **It is white with black letters** and the above is an actual size reproduction. This badge is totally engraved, no 'hot press', and so it should last a lifetime.

The order blank is printed below. It comes with a standard clip and a bola clip.

Note that you may order it with a pocket clip at an additional cost

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CQ DX



Chip Margelli, K7JA, DX Editor • 6652 Cerulean Ave. • Garden Grove, CA 92645

THE MAGICAL EQUINOX

The onset of Autumn brings many changes to the DXer's operating patterns. Most of them are "nice" changes, apart from the need to run QRP on Saturday and Sunday afternoons while the football games are on. Those long late-night openings over the North Pole are starting to disappear, but they are replaced by a wide variety of other openings.

What's behind this? It's the Autumnal Equinox, September 21st, which is the time when the orbit of the earth around the sun reaches that point where the inclination (tilt of the Earth's axis) is aligned such that all areas of the Earth receive 12 hours of illumination per day. This evenly-distributed illumination brings with it a more evenly-distributed ionization of the refractive layers which we DXers use for our long-distance work. More evenly-distributed ionization means that, at one time of the day or another, we have a reasonable chance to work just about any place in the world.

In the Northern Hemisphere, we look forward to reduced static levels, as summer thunderstorms become less frequent. We also benefit from reduced D-layer absorption on bands like 20 meters. Without the Sun beating down on the ionosphere so intensely and for so many hours per day, the D-layer just doesn't get the chance to get established as thoroughly as in the middle of summer. Conversely, in the Southern Hemisphere, more hours of daylight mean more hours of high-band (10, 12, 15, 17, and 20 meters) openings, and somewhat higher static levels on the low bands.

With both Northern and Southern Hemispheres receiving about the same amount of sunlight these days, one would expect north-south propagation to be excellent, and it is! Of greater significance, though, is the fact that Long Path propagation also benefits from this uniform ionosphere. Around sunset, North American DXers will turn their 20- and 40-meter beams southward, and are often rewarded with Indian Ocean and Central Asian contacts. At sunrise, these same bands bring African and Middle Eastern QSOs into our logs. And don't forget the "Wild Card" band at these times: 30 meters. The 10 MHz band provides very entertaining DX along the sunrise-sunset "terminator" paths, and a CQ or two will probably surprise you with a new country.

And VHF DX is also fun at this time of year. When ten meters is really hot into South America and the Pacific, you should be listening to 50.110 MHz for the brief F-layer openings which are sure to happen this Fall. Moreover, the first week of November is the "traditional" time when the 50 MHz band opens from North America to Japan, so be watching that path, too.

The new sunspot cycle should really start ramping upward this Fall, so enjoy the DX that you've done without for several years!

USING THAT DSP IN YOUR NEW-FANGLED RADIO

Lots of us have procured new HF transceivers in the past few years. Conditions have been tough, and "When the going gets tough, 'the tough' get a tough radio." The latest transceivers include a wide variety of features which are just astounding compared to the gear we all used in the '60s.

A major development has been the inclusion of Digital Signal Processing in one place or another in the modern transceiver. We have Noise Reduction, Bandpass Filtering, incoming signal response contouring, Notch Filtering, transmitter Bandpass Filtering, and transmit envelope shaping, among other features. Are you confused already, just in reading this? You're not alone.

While these many features are (one would hope) adequately described in the instruction manual which accompanies your transceiver, I thought I would share with you some of the little "tricks" I use to get the most out of the DSP in my radio(s). These tricks can be applied to most all DSP systems, inboard or outboard, used in modern equipment.

1. RF GAIN CONTROL

Though not part of the DSP system *per se*, your radio's RF GAIN control can really help it work better.

Consider that most DSP systems operate outside of the "AGC Loop" of the receiver. This means, in an extreme example, that if you use an IF bandwidth of 2.4 kHz but a DSP passband of 120 Hz, any strong signals outside the 120 Hz DSP "window" but inside the 2.4 kHz IF "window" will "pump" the receiver. Granted, you would normally use an IF bandwidth of 250 Hz in this situation, but the principle is valid, and the problem is encountered frequently.

How to get around it? One way is to back off on the setting of your radio's RF GAIN control. The RF GAIN control, on most radios, actually is varying the (fixed) setting of AGC voltage fed to the receiver's RF and IF amplifier stages. If you back off on the setting of the RF GAIN control, to the point where the S-meter reads, for example, S-7, this means that signals up to that S-7 level will not "pump" the AGC. So long as you can hear "band noise" coming through, you have enough sensitivity. . . any more gain than that is wasted (you are "waxing the wax," as it were).

This trick works with bandpass filtering and DSP noise reduction circuits. And if your radio has an AGC loop which includes the DSP, it can still help, by causing

signals of lesser strength to impinge on the DSP system, probably leading to less "peeps" and "squawks" in your receiver.

2. CW NARROW AUDIO FILTERS

The advent of DSP brought CW operators a tremendous improvement in narrow audio filtering, because the "ringing" of traditional analog filters was significantly reduced (indeed, on a noiseless band, ringing is basically nonexistent).

DSP systems often provide multiple bandwidths such as 240 Hz, 120 Hz, and 60 Hz. The FT-847 even provides a 25 Hz bandwidth for EME (moonbounce) operators! So the question naturally arises: "Which bandwidth should I use?"

Although this question surely falls into the "It depends" category, my preference is to set the DSP bandwidth to the most narrow setting available. I use the DSP CW filter for the most difficult situations of QRM, or with very, very weak signals (where the narrow bandwidth will often make a signal suddenly pop out of the background noise). I then switch the CW DSP filter off for "cruising the band," as I don't want to miss anything as I'm tuning around.

3. TRANSMITTER VOICE CONTOUR SETTINGS

A revolutionary development in DSP has been the ability to use one of number of perturbed "Contour" settings. The idea is that you should concentrate the available audio power of the transmitter in a pattern which closely matches the pattern of your voice, without wasting power on extraneous noise, etc. This technique really works, and it can add considerable "pileup punch" to your signal.

The one thing that you have to look out for, though, is a cascade effect between your microphone and the DSP. That is, if you use a microphone element that accentuates high-frequency response, then kick in the DSP with instructions to accentuate the high-frequency response even more, the result will be that you sound like your underwear is about four sizes too small!

The solution? If your microphone has a "High-Low-Off" switch for shaping the response, you might try setting it to "Off" so as to provide the most flat response for the DSP to work with. Alternatively, if you can't change the microphone's response, try a less-aggressive setting of the DSP. The objective here is to focus your voice power while maintaining intelligibility.

DSP is a tremendous tool, when used wisely. Don't be afraid to experiment with it!!!

FINALLY, SOME THOUGHTS ABOUT LICENSE RESTRUCTURING

As you know, there is an active debate going on about the proposals to restructure the license classes in the Amateur Service. Basically, the FCC is seeking to reduce the complicated U.S. Amateur license structure with a more streamlined system, and the ARRL has their own view of how this might be accomplished.

Whether you feel the FCC and/or ARRL have gone too far, or have not gone far enough, I'm sure you share with me a strong interest in maintaining the integrity and viability of the Amateur Service. I'd like to offer an interesting observation, based on first reports from VE sessions occurring *after* the ARRL Board of Directors announced its proposal for restructuring. *More people are taking Morse Code tests!*

Yes, it seems that the actual number of code elements being given is going up. I attribute it to the likelihood that applicants are seeing the possibility of getting significant, meaningful HF privileges via a 5 WPM code test, and therefore are making the effort to go through the code exams. Face it: everyone's time is at a premium these days, and many newcomers make their entrance into Amateur Radio through one-weekend intensive study courses. They rightly see that 13 WPM is impossible in a one-weekend environment, but that 5 WPM might just be a possibility with some advance study. So they go for it.

Sure enough, early reports from some VEs indicate that they are giving up to 50% more code tests than they were before. So there may be a silver lining in the restructuring plans, which many perceive to be ushering in "the end of Morse." Oops! It may turn out that we actually get *more* qualified CW operators, not *less*!

The Amateur licensing process is a bit like getting a driver's license. Taking a driver's test doesn't make you a good driver or a bad driver; it allows you the privilege of driving. The Amateur license test is the same idea: it doesn't make you a good operator or a bad operator. . . it qualifies you for the privilege of driving around on the Amateur bands. Whatever comes of the restructuring proposals, we all need to do our part to encourage *all* newcomers to get on the air, learn proper operating techniques, work people, and explore everything that Amateur Radio has to offer.

Besides, the first time a new Ham hears a fluttery signal on 20 meter CW from over the North Pole, his or her code speed will double or triple in an instant, so that New Country can get into the log! And if you're fretting about all the QRM from the new CW operators, get yourself one of those new-fangled DSP-based radios I talked about earlier. QRM? *What QRM?*

73 for now. . .

Chip Margelli, K7JA



Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, October 1, January 1, and April 1.

Chapter 1, Cleveland

On April 15, 1998 Cleveland Chapter 1 held its quarterly membership meeting at Dimitri's restaurant. Fifty-five of our members and their guests attended to hear our speaker and member Earl Carter W4EU tell us about his experiences as a shipboard radio operator. His talk was interesting as well as informative and all of us enjoyed it very much. The meeting was also used as an opportunity to inform our members of the status of the Chapters latest project, namely the establishment of a 2-Mtr Repeater which will bear the call sign of W8LYD which is the call sign of Bob Bloor, who before his passing, was a much beloved member and officer of the chapter.

The establishment of a QCWA Chapter 1 repeater was undertaken as Chapter project several months ago and has received outstanding support from our membership. We conducted a fund raising drive to finance the purchase of equipment, and our members have generously contributed both time and money to make this repeater a reality. Construction is underway and by the time the next Journal comes out we will have this repeater on the air. Ray Wassum W8SLZ and Jim Pracker K8QOT have been busy installing equipment in a cabinet which will be moved to the transmitter and receiver sites in the near future. W8LYD will have a voice controller and we will be using that to advertise QCWA and Chapter One to the Ham community in our area. Establishment of this repeater is but one of the steps we are taking to attract new members to our Chapter, as well as enhancing the enjoyment of our existing members.

Chapter Ones' major project for the remainder of the year will be a recruiting program to bolster our membership rolls. We will be using some of the techniques suggested in previous issues of the Journal as well as some ideas suggested by our membership. Rocky Zimmerman W8UYN our Membership Chairman has been quite busy sending out applications and assisting new prospective members in joining QCWA.

Our next membership meeting on July 25th will be at a restaurant called the 100th Bomb Group which is a treasure trove of WWII memorabilia as well as a good place to eat. We are hoping that each of our members will bring a guest (prospective member) to see this wonderful place and hear what membership in QCWA and Chapter One has to offer.

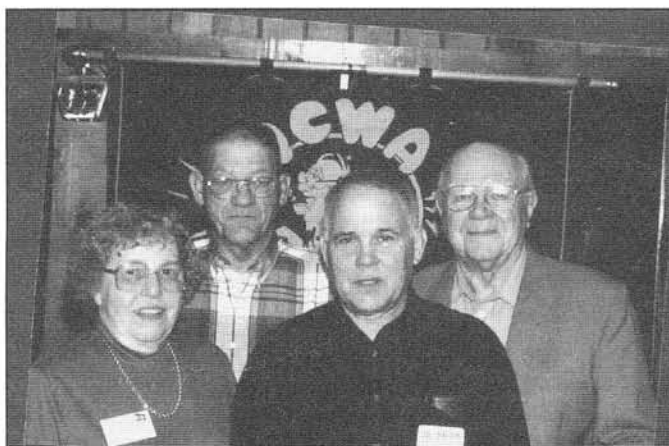
Paul Poling - Secretary

Chapter 10, Michigan

The annual meeting for Chapter #10 was held May 2, 1998 at the Waterfront Restaurant in Cadillac, MI. Thirty-three members and guests were present for the delicious luncheon and the meeting. A memorial for our silent key of the past year, Al Rea, W8LRM, was given by Dale Cryderman, KA9EIZ, Chapter Chaplain.

During the meeting certificates from QCWA were presented to three of the members: Century Club to Cliff Graft, W8QM, 50 year Gold to Tom Sorrick, W8IZS, and 65 year Gold to Ed Prested, W8IAC. We also had Gold Certificates, which were mailed, for Merle Lawrence, W8LUI, for 65 years and Paul Nutson, W8AUT, for 70 years.

Our weekly net still will be found on 3.903 MHz at 8 AM local time, Sundays. We hope if our usual QRmer is active, you will look up or down a couple of kHz, and locate the net. We always welcome visitors from other chapters and interested hams who are not yet members. The



1998-99 Officers: L to r: Beverley Stoner K8ZJU Secy/Treas., Bill Hibbard K8AXV Vice Pres., Maury McGleish K8CPW Pres. and Dale Cryderman KA9EIZ Chaplain.



DEADLINE
for Chapter
Reports
October 1, 1998

net is very active and always has a check-in of twenty or more stations, unless conditions are impossible. One of those "impossible" days came recently when many members were without power from storms and the rest of us could not hear anyone. We hope for no more days like that one.

The annual picnic will be the next meeting and it will take place at noon on Aug. 12, 1998 in Kenwood Park, Cadillac, MI. Look for the pavilion with our QCWA banner. All are welcome, member or not. Just bring your place setting and a dish to pass.

Officers for the coming year are: President, K8CPW, Maury McGleish; Vice-President, Bill Hibbard, K8AXV, and Secretary-Treasurer, Beverley Stoner, K8ZJU. If you are eligible for QCWA and we have not asked you to join as yet, contact the secretary for immediate action. We want you.

Since our meeting, on June 9, 1998, Joe Boyles, W4GHR, our Past President has become a silent key. Joe had been ill for several months and will be very much missed.

Beverley Stoner, K8ZJU - Secretary

Chapter 19, St. Louis MO

Chapter 19 meets for lunch every second Saturday of the month at Rich and Charlie's on Watson Road, about a block from Lindbergh Blvd. Any QCWA member visiting in St. Louis is welcome to attend. Call the Secretary, Mike W9CJW, who can arrange for transportation or provide other information: E-mail, Mikel570@Juno.com or phone (618) 656-4792.

Congratulation to Carl Widell KDØIR who received an award for recruiting five new members for the Chapter. He is pictured receiving his certificate from Chairperson, John Rogers, WØWC.

Chapter 19 is pleased to be selected to host the 1999 National Convention in St. Louis. We are looking forward to seeing many members. St. Louis, the Gateway City to the West, has many wonderful and exciting things to see and do for both members and their wives. A great program



L to r: Carl Widell KDØIR and John Rogers WØWC.

is being arranged.

Mike Hoshiko W9CJW - Secretary/Treasurer.

Chapter 20, Baltimore MD

Our annual meeting was held on April 25, 1998 at Synder's Willow Grove Restaurant in Linthicum, Maryland. Attendance was off a little this year. We had 26 people.

The speaker this year was Marianne Strong from the Maryland Humanities Council Speaker's Bureau. Marianne Strong, Chair of Literature and Philosophy, Prince Georges Community College has published many articles and mystery short stories. Her presentation "Myth as Mirror of Society" discussed how Homer's Greek myth "The Odyssey" portrays how Ulysses (Gr. Odysseus) learned how to use his cunning in foreshadowing the culture of the new Athens, which became the model for modern Society's treatment of crime and other problems. She is now working on her Ph.D. dissertation "The Globalization of American Detective Fiction".

In addition to the talk Mrs. Strong gave out copies of some of her short stories. They were "The Shooters", "Four A.M. Alarm" and "The Shaft".

Everyone seemed to enjoy her talk and had a lot of questions after the main program.

The program was different from our usual format, but most of the XYL's probably enjoyed this more than too much Ham Radio Talk.

Chapter 20 signed up one new member this year. He is Arnold Feldman, N3TEL. We are always looking for new members; if you know of anyone eligible, bring them along to the meeting.

Chapter 20 has two luncheon meetings each month. One is the third Thursday at 1:00 PM at Denny's on Padonia Road, and the other is the last Wednesday at 1:00 PM at Denny's on Belair Road just north of the Beltway.

Cam W3EPR - Secretary/Treasurer

Chapter 29, Fingerlakes

Due to some miscommunication the new secretary did not submit a report for the Spring Issue so several meetings are combined in this report. Attendance has been down somewhat because of the number of members that prefer the Fla winter climate to that of Syracuse. Don't know why, El-Nino gave us a very mild winter this year. Seems most of the bad weather passed NW or SE of us.

Fingerlakes Ch 29 has received their new call sign, KC2DFT. We have submitted for our memorial call W2PPS and should receive it before July.

A guest at our February meeting Betty Harig KB2UFN, had just completed the code course offered by Jim W2BCH. Betty, a retired nurse went on to get her General license. Congratulations Betty.

Jim McHerron, K2ZI, was scheduled to present a program on fulfilling the requirements for rfi calculations and measurements. Unfortunately Jim fell seriously ill and was unable to attend. We wish you well Jim. Jim, W2BCH, always prepared, stepped in and gave the presentation in his stead. Thank you K2BCH. It looks like most of us should have no problems considering the low powers at which we operate.

Chapter Reports

Ike Hathaway, W2IH, announced he was moving south. We all breathed a sigh of relief when we found it was only to Cortland, 30 miles away, and still expect to see him as a long standing and continued member of our chapter.

Phil Lambrinos, WA2IMX gave a very interesting presentation as to how he happened to get into amateur Radio; very humorous in spots. He has his own radio show and is known locally as "the TV Dr."

Several awards were handed out. Fred, NY2V, 50 years; and Walt Richardson, KB2JLV, 60 years. There was a 65 year award, but the recipient is still south in the islands for the winter.

Our guest at the April meeting was Jack Stewart, KB2YU. Jack is a retired Col with the paratroopers.

The "Snow Birds" are beginning to return, so chapter activity should once more increase.

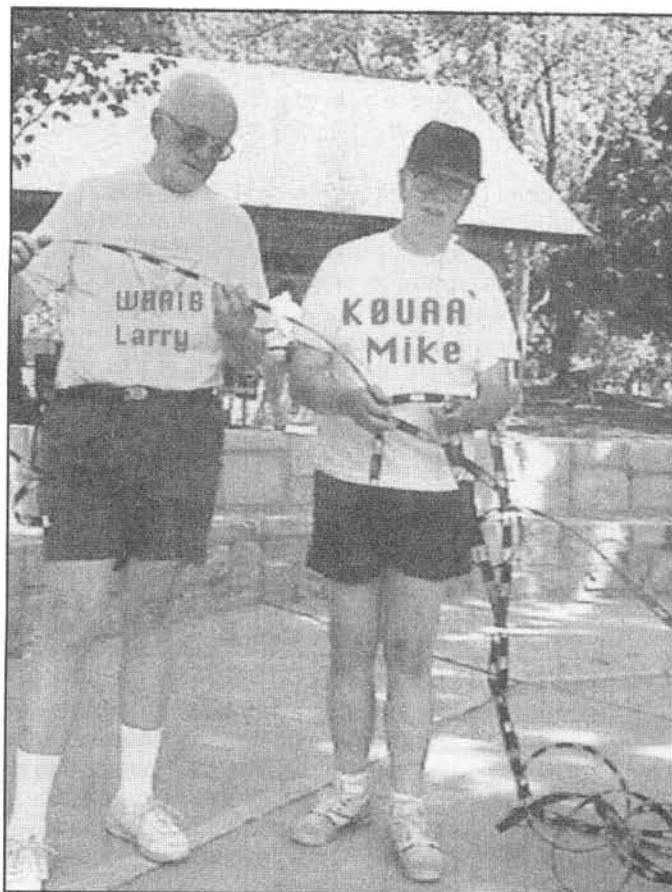
Ed Gersten WB2MWW - Secretary

Chapter 35, Kansas City

Its been a red hot busy summer for the Kansas City QCWA people! Our new president Clarence WA5SWN began with our pre-summer Banquet structuring the plans for the 98 year. Around 50 people (at the banquet) agreed that we needed to expand membership and the best way is by exposure to the "market". That means that in addition to our local QCWA activities we will discreetly help all the local area clubs achieve membership successes. Every organization has within itself well qualified hams who have the qualifications to also be a member of QCWA but they have to be asked because they don't know it.

The Kansas City QCWA individually is looking for additional members. We found the 1998 Field Day programs ideal to tell our story and that's what we did. What fun it turned out to be when we mixed the talents of the young and old at the Field Day sites and invited everyone to see "ham radio" in action. Some sites even made the TV news, some just enjoyed the picnic fun, but all advanced the idea that Ham Radio is fun in addition to the Public Service it offers. And, oh yes, we told our QCWA membership story to more and more people that wonder what is QCWA. Sometimes it pays to ASK!

Cass Cassing WØGJG - Publicity



Larry Staples WØAIB and Mike Bellinger KØUAA are two calls that are synonymous with public service. They are shown discussing the newer 450 ohm Ladder Line for Field Day.

Chapter 38, San Antonio

We meet at 11:30 a.m. on the fourth Saturday of each month, except in June and November, when we meet on the third Saturday. We do not meet in December. We continue to rotate our meeting place among several local restaurants. For confirmation of the time and place of the next meeting, call Jim Wright, K5CDT, at (210) 655-2346. If he is out, leave a message and he will call you back. You may send E-mail to k5cdt@juno.com.

THE JOURNAL IS AVAILABLE FREE TO
BLIND PAID-UP MEMBERS ON AUDIO
CASSETTE TAPE. FOR MORE
INFORMATION, CONTACT
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01002 PH: (413) 256-0179; and (OCT.
1-MAY 1) 6002 N. Fremont, Tampa, FL
33604

PH: (813) 870-0867.

**QCWA NATIONAL
CW NET WEDNES-
DAYS AT 2000E
ON 7035**



Two major events have occurred in recent months. At the regular meeting on March 28, 1998, Our Chapter's President, Steve Cerwin, WA5FRF, presented the QCWA award for 75 years service to chapter member, Jimmy Rives, W5JC. The floor was given to Jimmy and he related a number of his many amateur radio experiences. One of Jimmy's proudest achievements was winning the 1979 QCWA CW QSO Party. The same year, he finished tenth overall in the QCWA Phone QSO Party. We are indeed honored to count such a true radio pioneer among our members.

At the regular meeting on June 20, 1998, we were privileged to have Bill Tynan, W3XO, President of AMSAT-NA, deliver an update on Phase III-D. His overheads and slides brought the project into focus. There was an open and useful exchange of information and ideas.

Jim Wright K5CDT - Secretary

Chapter 41, Dallas

It is with regret that we note the death of long-time chapter member (and early president) G. R. (Gus) Howard, W5KM, at the age of 94. Gus' interest in radio began as a youth when he built crystal sets and continued throughout his life. He was an attorney and a professional engineer who had a long and distinguished career with the FCC as Engineer-in-Charge at Dallas overseeing the activities of commercial stations, amateur radio operators, and CBers in a large regional area. He was a gifted public speaker who had many intriguing and often hilarious stories to tell, not the least of which, regarded his official duties involving monitoring and surprise inspections of CB stations suspected of illegal operation.

Jack Dye, W5LUE, master amplifier designer-builder, announced that he has completed design work and submitted a proposal to the FCC for type acceptance and authorization to construct a solid state 22,644 watt amplifier to be marketed in California as a replacement for the dated "California Kilowatt." If approved, the initial model will be designated "Entry Level" to be followed by a heavier duty water-cooled tube model.

Sister Mary Emmanuel, KC5AQ, sends her prayers and best wishes to all her many friends. Bob Naumann, N5NJ, newest chapter member, confirms that he has purchased formal attire (a chapter requirement) and is looking forward to participating in the chapter's many Fall social functions.

Certificate Awards were proudly made to the following members: Lacy Goostree, W5LMG, 55 Years; Ivan Harrison, W5HBE, 60 Years; Jordan Jones, W5CF, 55 Years; Jerry Stover, W5AE, 65 Years; and Frank Wolk, N5FW, 55 Years.

Luther Pully, W5JIZ, admonished members to avoid a telemarketing scam of which he was recent victim: the purchase via credit card over the phone of a franchise "to repair flat tires on submarines." He reports that he "was taken advantage of because (he's) from Oklahoma and doesn't know much about submarines." A call to the Secretary of the Navy, he reports, confirmed the bad news - that the Navy has never had a requirement for such a service in the submarine force and foresees none on the horizon (or surface, as the case may be.)

Bob Olney N5NT

Chapter 45, Citrus

In Central Florida we are already experiencing the "long hot summer". The temperatures have been breaking records nearly every day for the past several weeks. Additionally, though we are well into our yearly rainy season we have not had any significant rain in several weeks. This has resulted in tinder dry woodlands prey to lightening and man-made fires. To date (June 28) we have had over 1000 brush and woodland fires in this area. Some 75 homes have been destroyed and 170,000 acres have been burned over. We need a good soaking rain and a return to our normal afternoon thunder shower activity. A ban on the sale and use of fireworks has been issued except those displays under the control of the local governments. Using professional fireworks experts.

Citrus Chapter has needed a new home for our monthly meetings. The restaurant we had been using for several years closed the first of the year. We have tried several other locations but have had problems getting the location and service we want. Now we seem to have finally found a new home; The Golden Corral Buffet Restaurant on the east side of SR 434 just south of the junction with 5R436. They have nice meeting rooms and there is something in the food line for every taste. Any ham that is in the area at noon on the third Saturday of every month is welcome to join us, for good food at reasonable cost and lots of good fellowship.

Citrus Chapter runs a net every Tuesday evening on 147.195 MHz. If you are in the area, join us to get the latest news of Chapter activities. All are welcome.

Paul A. Turner W1DLP - Secretary

Chapter 49, Peach State

Our winter meeting was held on March 7 at Morrisons Cafeteria on North Druid Hills Road. President Frankie Womack called the meeting to order at 1PM and welcomed all members and guests. There were 12 members, 2 "Friends" and 4 spouses present. Mike Swiderski, K4HBI won the door prize drawing and selected "Hints and Kinks" from ARRL. W4NZJ and W4DQT reported good participation on both nets. Bill Plage reported that Sci-Trek activities are going well and the newly donated antennas need

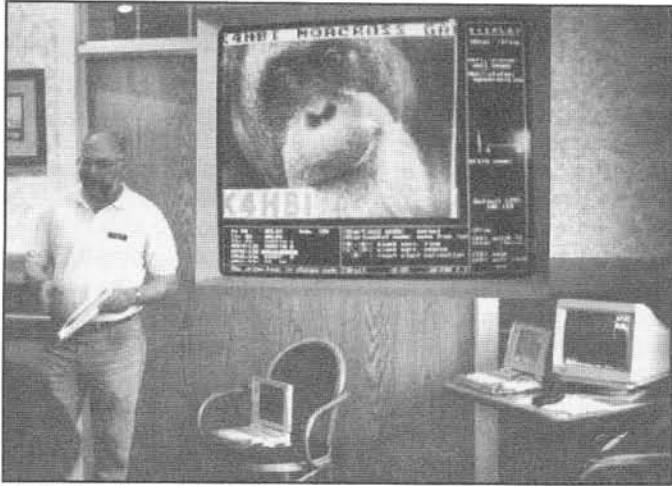


Sandy Donahue, W4RU, presents a 50 year ARRL membership plaque to George Sensibar, W9RR.

Chapter Reports

installation. Jud, W4NZJ, announced his candidacy for National Director. Sandy Donahue, W4RU, Georgia ARRL Section Manager presented George Sensibar, W9RR, with a 50 year ARRL membership plaque.

Our guest speaker was member Mike Swiderski, K4HBI, who was introduced by John Hill, W5HX and made a very interesting presentation on Slow Scan TV. Mike had two computers and two radios set up and demonstrated SSTV transmission and reception as used on both HF and VHF. Mike also had handouts for those interested in how to get on SSTV themselves and showed the actual equipment that can be home-brewed, along with various shareware programs that can be used.



Mike Swiderski, K4HBI, presenting a program on SSTV at the Chapter 49 Spring meeting. Inset: Mike's self-portrait as transmitted during the program.

Our spring meeting was held on June 6 at Morrisons. There were 10 members, 1 "Friend" and 4 spouses present. Bruce Montgomery, W4BFR won the door prize drawing, the new ARRL book, "RF Exposure and You". This prompted some discussion about the RF exposure regulations. Also discussion of the possibility and testing of an e-mail version of the Chapter 49 newsletter ensued. Testing will continue because of problems encountered. Mike Swiderski was nominated and elected as a Chapter 49 director to fill a vacated position. Doug Foos, KT4XF, reported that antenna installation is still an issue at Sci-Trek, where our members volunteer to man the Ham station for several hours each month. The Chapter nets were reported to have good participation.

VP John Hill, W5HX, presented two videotapes for this meetings program. "The Last Voice from Kuwait" about a heroic Kuwaiti amateur reporting during the invasion of Kuwait was shown along with "The Lost Squadron", a video about the effort to recover US planes that had been forced to make emergency landings in Greenland during WWII.

It is with sadness that we report the passing of our member Paul Vasquez, K4IZI.

Bob Lear K4SZ - Secretary/Treasurer

Chapter 55, Wisconsin

Saturday, June 6 WI Chapter 55 members and guests gathered at Fin and Feather in Winneconne, WI for the spring dinner meeting. Forty-two made the trip from around WI on this beautiful spring day to attend the meeting. During the registration and attitude adjustment period, many personal QSOs took place in an area where one could view boaters leaving the docks for trips on the Wolf River.

Chairman Verne Teske (W9RYA) began the meeting with a greeting followed by a moment of silence for our latest Silent Key members: Alvin Hogden (W9FIO), James Douglas (W9DR), Erwin Peters (W9DOW), Frank Guth (W9BCC), and those that preceded them. Remembered too, in this moment, were those unable to attend due to illness or physical limitations. Verne then gave the invocation after which each table had its turn to visit the wonderful buffet offering. Again, the view from the dining area of the Wolf River and the boating activities was great.

Following dinner, we all enjoyed Rick Elsener's (W9RCW) presentation on Criminalistics and Lie Detection Techniques. Rick based his remarks on situations he experienced during his many years as a Law Enforcement Officer. Next Chairman Verne presented Fred Linn (W9NZF) with a QCWA Gold Certificate for his 65th anniversary of licensing. Exchange of door prizes came next. Those who brought a prize got the chance to select one from the table.



Left to Right: Fred Linn, W9NZF received his 65 year certificate from Chapter President Verne Teske, W9RYA.

At the break before the Chapter business meeting, the ladies departed for a tour of a Doll Museum. During the business meeting secretary Herb Roehner (WA9UVK) read the minutes of the October 1997 meeting, and treasurer Erv Froehlich (W9RZW) gave his report. There were no old business items, and the main items of new business consisted of selecting an audit committee, a nominating committee and the picking of a location for the October meeting. A place in the Watertown area is being considered and the date for the meeting is the first Saturday in October.

This time the men had the opportunity for more eyeball QSOs while waiting for the ladies to return from their tour. It was then time to head for home.

As a side note, this writer rode with friends John Zach (K9IAC) and his wife Carol. En route home, I had the opportunity to operate John's fine mobile station, and enjoy some QSOs on 20-meter SSB with a station in St. Maarten (Caribbean area), one with a special event station in Tyler, MS, and another station in Miami, FL.

(Article and photos — by Les Peterson, W9YCV, chapter reporter.)

Chapter 67, Armadillo (AUSTIN, TEXAS)

We meet the 3rd Saturday of every month for lunch at Luby's Cafeteria on W. North Loop Blvd., and I think that all of us have a very good time with the eyeball QSO's and assorted chatter.

Our new President is Hal Henegar, W5MDL; Vice President is Roger Wines, W5WIA; Treasurer Pete Jordahl, K5GM; Secretary Andrew B. Goewey, KA5SNA; and Directors are Roy Miller, W5FOZ; Earl Debord, W5PPQ; Ed Popp, K5BOT; and Joe Thiel, N5SMN.

We have 42 members as of June 20th this year, and most of us make it to the meetings. Luby's is also meeting place for the Austin Repeater Organization, the Austin Amateur Radio Club, ARES, or the Amateur Radio Emergency Services and the Amateur Television Club.

The Armadillo Chapter of QCWA had its Quarterly Meeting for the Executive Board of Directors at Waterloo Ice House on North Burnet Road, where many hams gather early each Saturday morning for breakfast and further eyeball QSO's, or a good time. Our Chapter 67 website, which will be up and running soon (if all goes well), will be at the URL: <http://www.main.org/qcwa>.

Our monthly presentations are both interesting and entertaining. Recently, we have gotten info. about TRACOR, Inc., a high-tech company founded in Austin; the local Better Business Bureau (part of which was about how to avoid current-day scam artists); and a very informative presentation about backyard birdwatching - or how to attract birds to your backyard amid feed them and otherwise care for them.

Any qualified amateur or interested visitor is invited to join us at 11:30 for lunch at Luby's on (usually) the third Saturday of each month. We may have an annual picnic on Saturday, August 15, at a yet undetermined location. The regular meetings at Luby's start at about 12 noon, after lunch.

Andy Goewey KA5SNA - Secretary

Chapter 70, National Capital

Canada's Capital Chapter 70 is growing! With our 25th anniversary coming up in 1999, we're busy with promotional projects, which should see further interest in our group. Carl Everson VE3BYX has been compiling a Chapter History as well as a Chapter 70 brochure. Our web page (<http://www.qcwa70.cyberus.ca>) has lots of interesting information, thanks to Keith Bedal VE3GFI. Many hats advertising QCWA have been purchased by our members.

Maps! Some of the QCWA members, via TNC on packet, have been checking out locations of local Ama-

teurs, whether in cars, boats or stationary on VHF (2 meters at 144.39). On the HF scene (30 meters near 10.15 and 6 meters at 53.53), Amateurs throughout the world, if using this APRS - Automatic Position Reporting System - can be located with use of a software APRS program. Norm Rashleigh VE3LC and Rick Bandla VE3CVG spoke on APRS at our last dinner meeting. The Ottawa region has a web site and help is available to those interested.



Norm Rashleigh VE3LC (l) and Rick Bandla VE3CVG demonstrate APRS to the Chapter 70 dinner meeting.

Ken Pulfer VE3PU, Vice President of International Affairs RAC, is working on items from WRC/97 on behalf of IARU. He is examining technical aspects of the earth exploration satellite system (EESS) that some countries want put in the middle of the 430 MHz. band.

More than 65% of our membership have an e-mail address. An easy way for us to communicate via this means, is to register with the alias robot on the RAC web page. Then with the callsign@rac.ca the mail is sent directly to its server!

It's a busy season for many of our club members who are active in Amateur Radio Administration, with the annual general meeting of the Radio Amateurs of Canada and the St. Lawrence Valley Repeater Council. Some of us did manage to attend the QCWA Chapter 73 meeting too.

Look us up on our web page or join us for breakfast at 9:30 every Thursday morning at the Embassy West Motor Hotel, Ottawa.

Joan Powell VE3ZC - Secretary/Treasurer

*See everything.
Overlook a great deal.
Improve a little*

-- Pope John XXIII

Chapter Reports

Chapter 75, Central California Coast

Our fall luncheon was held on Saturday May 16, 1998 at Maria Del Sol restaurant in Santa Maria, California, at-titude adjustment time 1200 to 1300 with a buffet with BBQ CHICKEN, BBQ TRI TIP & ROAST TURKEY along with salads, veggies & dessert, excellent food & all everyone could eat, available.

Our special event of the day was the presentation of Mort Brewers', W6JU, 70 year certificate. A picture was taken for memory purposes!

Our speaker was ERIC GAMBLE and the subject was regarding the effects of EL NINO on Santa Maria Valley. EL NINO has caused many disastrous problems in many areas in California, which we all have observed from our news sources. There are numerous variables affecting El Nino as it travels north in the ocean along the western coastline (as a warm belt), meeting the northern cold belt coming from Canada & Alaska, (as a cold belt). The occu-



Mort Brewers W6JU receives 70 yr. certificate from the president W6RBB.



L to r: W6RBB, President with featured speaker Eric Gamble.

pants (living creatures) in the waters of the ocean and rivers and on adjacent land areas, continue to disappear (dying out) or revive (living again) due to changes in temperature in the water or on land. Also new activities are occurring in many areas revealing themselves as hurricanes or tornadoes, such as a tornado in Santa Maria & San Luis Obispo, which is very unusual! After Eric's talk we had a lively Q & A time which was enjoyed by all those present. Then a raffle was held with fresh strawberries and trinkets (wine & fresh strawberries and trinkets provided by our President, Len Cummings) for the lucky ticket holders. Our attendees really enjoy this part of our meeting!

Dave Kreiss W6ELH - Secretary

Chapter 81, Long Island

I have just re-read the Hot Line Report which insists that the chapter reports be interesting. We try, but I'll bet that most secretaries struggle to pull exciting prose out of their recollections of chapter doings and from the minutes and newsletters.

Last year we made a special effort to contact unaffiliated members in our area and I think we got around 15 in the past few months. That's encouraging and so is the fact that some of the new people are from the founding era back in the '70s. That doesn't mean that our roster got a lot bigger as we also had some folks move away or just drop out. Back in the '70s the meetings were attended by more than 100 people and the membership was almost that large. Today a good crowd at a meeting is around 25.

We had to move our meeting place again as the restaurant is closed for renovation. We were fortunate to find another easily and we keep a list handy of candidate meeting places just in case...

We have had a great bunch of speakers at the last few meetings and we are going on an outing to a planetarium in July. Some of us haven't been to a planetarium since Hector was a pup.

The photo shows our President Charlie Baker, W2KTF, (right) presenting a 50 Years Continuous Licensed certificate to Karl Johnson, K2KM. Karl was our first Secretary way back in 1975 when the petition for a QCWA charter



President Charlie Baker W2KTF (R) presents 50 yr. continuous licensed certificate to Karl Johnson K2KM.

was submitted. Karl came to the June meeting escorting our speaker, Marshall Etter, W2ER, the last Chief Engineer of RCA's Radio Central facility on Long Island.

Carroll Hamlet W2QBR - Secretary

Chapter 91, Vic Clark

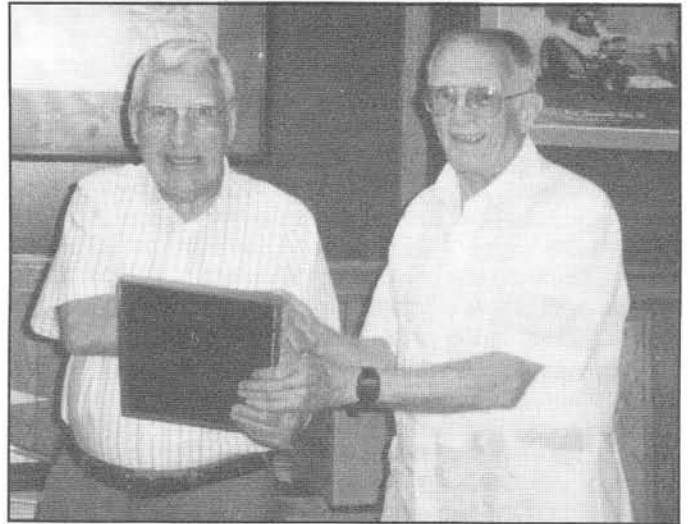
The program was devoted to Field Day planning. Under discussion was the selection of a suitable site. A number of locations considered have not proved satisfactory. Also discussed were operating schedules. One thing has been tied down - member Lew Bradley has a 4-kilo-watt generator and 100 feet of No.12 power cable he will provide to power the operation. Several of those present displayed items recently built or assembled for Field Day, emergency, or QRP operation. Al Wheeler, WB4JJJ, showed off several antenna tuners and related items. Guest Jake Carter, N4UY, displayed his Field Day "kit" comprised of several small rigs and accessories for emergency operation. Wayne Cooper, AG4R, brought a homebrew loop antenna, about a meter in diameter, made from two turns of hardline coax and mounted on a PVC pipe stand. It is tunable for 40 through 10 meters. Wayne also displayed his portable "AG4R 2 Meter Special" antenna, mounted on a yardstick, he uses to check into the chapter's Sunday morning net.

Elmer Jones, K4EUX, brought in three unopened Heathkits, two nine volt power supplies and an audio generator, purchased years ago, for donation to the club. Several persons present commented that unbuilt Heathkits are now collectors items and we should save them until we can determine their true value.

Nelson M. Seese, W4BHD nseese@cpcug.org



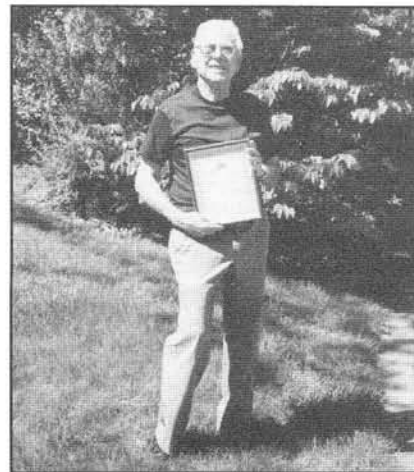
Bill Gerchell W1HRE looks over 65 yr. certificate while Jack Kelleher W4ZC looks on.



Carl Gray W4ACM receives 70 yr. certificate from Jack Kelleher W4ZC.



John Nagley K4AHS (r) receives 65 yr. certificate from Jack Kelleher W4ZC.



Milton Snyder W4AWL proudly displays his 65 yr. certificate.

Chapter Reports

Chapter 95, Eastern New York

Thanksgiving has its turkey, Easter has ham and some people have a Christmas goose. What food comes to mind when we think about ham radio? May I suggest the field day stew. Oh, not just for field day but contest gatherings also need something to dip into and eat. The fall contest season is upon us and it is time to breakout the crockpot and perfect our stew recipes. Comments from the otherside of the room suggest that hot dogs and a big pot of baked beans would be a more appropriate ham radio fare. Well, what ever it is that you enjoy eating remember to pull the easy chair up to the radio after a good meal.

Hopefully your station is in top operating shape. The sunspot cycle is up now and we can log many satisfying QSOs. On our cw sked we always check out each others ham activities for the past week and compare the number and types of QSOs. Not only do we see what others are achieving on the ham bands but we feel a sense of competition and stay active ourselves. Let's not leave out the chapter's SSB guys. They meet Sunday mornings on 75 meters. Our topics there tend to be workbench practices for the repair and upkeep of everything we own. You can tell we never run out of things to talk about on Sundays.

OK there you have it ... good food ... improved bands ... chapter skeds ... unlimited topics ... and we have all the ingredients for ham radio satisfaction this fall. Enjoy the cider season!

KJ2T - Secretary/Treasurer

Chapter 98, Dogwood Chapter (Vancouver, BC)

The 23rd Annual Meeting was held June 13 / 98 11.30 AM in the A B C Restaurant 15373 Fraser Hwy. Surrey S.C. 28 in attendance. They were greeted at the door. The Chairman VE7BKB George Puhl opened the meeting by giving the results of his reminder phone calls. VE7BYX Sid & Alice Chapman sending their regards, Sid had in his possession the KLA-HOW-JAH Net (HOWDY-doody) Net Silent Key plaque in memory of VE7JT Peter McIntyre. It was agreed that this plaque be given to the S.P.A.R.C. Museum. VE7KM Mart has had another heart problem. he is now much better, and sending his best regards. VE7DZ Max & Irene Green are sending their regards, they are not doing too well, they would like to keep in contact by phone or visits would be welcome. The activities of the year was given. We held 9 monthly breakfast meetings plus the Annual General luncheon meeting. We had 4 invited Guest Speakers throughout the year.

1) At the Oct. meeting, Guests were Mr. & Mrs. Geoff and Judy Mauldon, VE7HKI Geoff, a retired Medical Electrical Physicist, he gave us a good description of a small breadboard home built radio. Judy also retired from the Medical field in Hong Kong.

2) To our Xmas luncheon meeting. we invited Mr. & Mrs. Jack Watson, a retired radio station disc jockey, he brought along his reel to reel tape recorder and played the old Xmas music enjoyed by all.

3) At our Jan. 98 meeting, the Guest was VE7RD Farrel Hopwood (Hoppy), President of Radio Amateurs of Canada, who officially presented VE7FB Ernie Savage with the Canadian Amateur Radio Hall of Fame "Award of Honour" Plaque.

4) In Feb. we had VE7KC Al Miller a charter member. who gave us a very good history lesson on the sinking of the Titanic. VE7FJO Paul Johnson from S.P.A.R.C. Museum has supplied us with super radio artifacts at each meeting. very interesting. VE7HJS James Savage put on display his own radio artifacts at this meeting, very much appreciated. Committee Reports Our Sunshine Lady Gladys and Tom Clark are over on Van, Island, She has sent out several Get-Well cards and is asking, Please let her know of anyone being sick. Sec'y Report: VE7FB Ernie Savage gave a general outline of the minutes for the year, he had circulated the Chapter Charter Membership List.

There were 66 Charter Members, and had a letter of memoir read, stating where some of the past meetings were held etc. which was well received. The chapters highest membership was 112, and at present it is 23, although we have a very good support group. The Breakfast Club members are great, and are always welcome. Treasurer Report: VE7YG Dave Gilmour gave a detailed report of the year which was audited by VE7BYX Sid Chapman. Question was asked and carried that the Treasurer report be accepted as given. The Chairman thanked the executive for their work and the members support is greatly appreciated. It was requested that we introduce ourselves. The nominating officer VE7AYI John Smith was asked to have the election of officers for the next year.

The past officers left their names stand and there was no new nominees, therefore, the past officers were re-elected by acclamation. Adjournment was called.

The luncheon was enjoyed by all and the companionship is great.

George Puhl VE7BKB - President

Chapter 105, Middle Tennessee

The middle Tennessee Chapter #105 had its regular meeting February 14, 1998 at Ryan's Steakhouse in Hermitage, TN., with 13 members and 4 visitors.

The new president, Bob McGraw, K4TAX, took the chair and conducted the meeting.

It was necessary to elect a vice president, since the vice president elect become president due to the death of Charlie Wolf, WA4BMV who was 1998 president elect. Mike Arnold, WB4GHL was elected by acclamation as vice president for 1998.

The 1998 Board of Directors was elected and had its first meeting for 1998. The Board of Directors then reported to the membership that the 1998 membership dues shall remain the same as 1997.

Glad to report that Past President's Don Perry's progress from his eye surgery is positive.

O. D. Keaton, WA4GLS, Secretary

Chapter 107, Central Florida



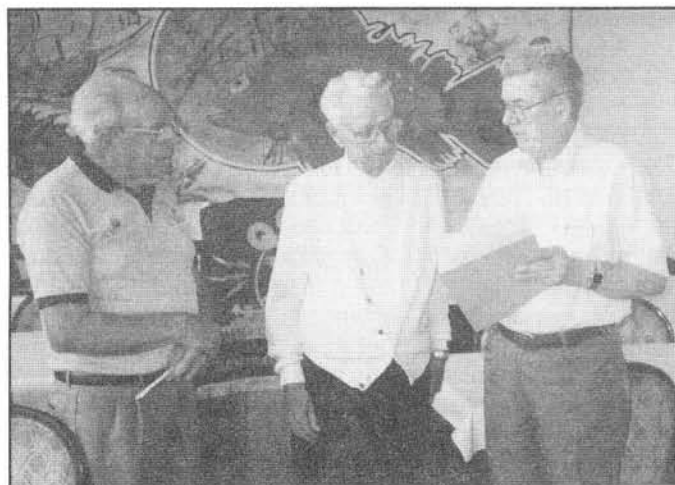
L to r: President Walt Farley K4QE, Ullis Tucker W4YRK receiving 60 yr. certificate from Jay Hitchcock K8YGH.



L to r: Pres. Walt Farley presents Charles Baptist W1PB with 70 yr. certificate as Sect./Treas. Jay Hitchcock K8YGH looks on.



L to r: Pres. Walt Farley K4QE, Dan Child W3IUW receiving 55 yr. certificate from Jay Hitchcock K8YGH.



L to r: Pres. Walt Farley W4QE, William McCabe W2ZHZ receiving 50 yr. certificate from Jay Hitchcock K8YGH.



L to r: Charles Mathias W8KGD receives 65 yr certificate from John Spark W4LHP.



L to r: John Spark W4LHP receives Century Club certificate from Jay Hitchcock K8YGH. Sparky also received a 60 yr. certificate.

Chapter Reports

Chapter 110, Kansas Chapter

A luncheon and business meeting was held June 6 at the Golden Corral restaurant in Salina, Kansas. The meeting was conducted by Vice-President Don Fitzgerald, KA0EIC and Secretary/Treasurer Arlan Campbell W0NBT. The new officers just elected for the year 1998-1999 were announced. They are; Lester Look WA0GRM Hays, President, Don Fitzgeralds KA0EIC, Salina, Vice-President, and Arlan Campbell W0NBT, Concordia was reelected Secretary Treasurer.

The next meeting (a business meeting) will be the summer meeting in August at the Salina hamfest. A social/business meeting will be held in late September when the Kansas Chapter has a joint meeting at the fall picnic of the Kansas-Nebraska Radio Club picnic in late September. The winter meeting will be December 5th at the Swedish Crown Restaurant at Lindsborg, Kansas.

Wendell Wilson W0TQ, reporter

Chapter 122, Lake Erie Tri-State

Members were treated to a double header recently, two speaker topics back-to-back. Penn State University is making a series of presentations available in their PELLRAD (Public Education on Low-Level Radiation), a community education program on the topics of Radioactive Waste Disposal, Radon, Food Irradiation, etc., in a total of five presentations to the public at no charge.

At the LETS QCWA luncheon meeting of April 18th, at Hoss's Steak and Sea House in Erie, PA, Matt Shields, Penn State Project Assistant presented a program on Electric Consumer Choice (Deregulation) with a Q&A period at the conclusion of the presentation.

The highlight of the event was added when he scanned Bob Dziubkowski, K3SBU, with a Geiger counter, since it was mentioned that Bob recently had radio active heart procedure; a higher reading than expected was recorded.

The presentation got rave reviews, so much so, that Mr. Shields was invited to a return performance at the meeting on June 13th., at the Harvest Inn in North East, PA. On this occasion the topic was Food Irradiation which employs ionizing radiation to preserve food. The use has World Health Organization support and in recent years has expanded irradiation to include chicken and strawberries, with beef next. The Geiger counter affirmed that Bob's, K3SBU, radiation had completely dispersed.

As a result of the education value and popularity of the topic presentation; it is very likely that Matt Shields will be requested to return with other topics in the series. Programs are structured for the general public and the topics, Food Irradiation and Medical Uses of Radiation should appeal to xyls of members.

Chapter dues were accepted by, Sid Stacey, W3NMJ and president, Paul Gerbracht, W3QPP, announced that several innovations were under consideration that may effect greater member attendance and induce non-members to sign up. W3QPP's souvenir pens were issued to all in attendance not previously recipients of one. Door

prize winners, K3SBU, discount coupons for ARRL publications; Eleanor, xyl of Scotty Forbes, W3STK, a discount refund on her luncheon; John Duda, W1RIM, a partial chapter dues refund.

About three years ago, Ethel Smith, K4LMB, now a SK, conceded that although "Associate membership wasn't acceptable, QCWA non-eligibles could receive the chapter newsletter and thereby become Subscribers." Some chapters had already established "mail list" members. The April/June 1998, QCWA Hot Line Report suggests that some non-members who wish to be with peers and not eligible for QCWA be allowed in, but not vote or hold office, Just for the record, Lake Erie Tri-State Chapter amended its By-Laws to accept Subscriber status participants, October '92; to include peers of pre-subscriber qualification in chapter activities, a trial period is being conducted to attract prospective members. Vice President, Jerry Owens, W3GHO and Director, Hank Schultz, W13U, in conversations of current interest. A belated announcement of the Golden Wedding anniversary of Jim (W3PJP) and Audrey Vieira on May 9th was reported in June L.E.T.S. TALK.

The success of the Harvest Inn meeting is credited to the arrangements of Director Ivan. Wilkinson, W3RMF.

G. Paul Gerbracht, W3QPP - President

Chapter 123, Lee DeForest (IA)

Our yearly Chapter business meeting was held again at the ARRL Midwest/Dakota Division Convention and Hamboree 20 in So Sioux City, NE May 30th, 1998. We had a noon luncheon before the meeting, and had as special guest Gary Harrison, K0BC, along with 56 other members and guests. There were members of 10 Chapters there, coming from as far away as Cleveland, Ohio.

Gary presented awards to four Chapter 123 members. They were Al Smith W0PEX, 65 year; Robert Kelly W0BW, 60 year; Sylvester Nemmers W0MHC, 60 year; and Ralph Smith W0QUF, 60 year. Several who could not be present also received awards. They were Art Elis, KB0BET who received a 65 year award which I personally presented to him there at the Veterans Home in Marshalltown, Ia. Bill Isenmann W0JTC, received a 50 year award, and Vern Peterson W0OJD received the Century award which I sent to them in the mail. All of these awards represent quite an accomplishment in the Amateur Radio careers of these recipients.

Election of officers were also held, and Jack, W0RJZ is the president; Dick, W0RPV is Vice President; and Larry, K0EDO is Sec/Treas for the next two years.

We also had a booth there at the convention to promote QCWA and had items "CARE packaged" to us by Jim Walsh, on the table which were given to prospective members. If you have ever done something like this, you know what I mean when I say that "eyeballs" were in abundance.

Larry Wacha K0EDO - Sec/Treas

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$5

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, 159 E. 16th Ave., Eugene, OR 97401-4017.

Phone (inquiries only, no orders): 541-683-0987, Fax 541-683-4181

We do not accept orders charged to credit cards.

Chapter Reports

Chapter 126, Piedmont

The Classic Restaurant of Denton, NC, was the place where the June 20th meeting of the Piedmont Chapter met, with 29 members and guests attending. This restaurant serves the finest country cooked food in a buffet style manner. And that means all you can eat from the salad bar, the main course tables, and the dessert tables. They even served fat-back, fried okra, barbecued chicken, and many other typical Southern delicacies. The meeting was one of relaxation and fellowship among the wives, friends, and members of the Chapter.

The usual and fun 50-50 Club drawing was won by Ralph Brown, WB4AQK, who nullified the IRS take by donating it all to the Chapter. Thanks, Ralph.

The Chapter has done well on recruiting new members, but we did lose a member this year. Dusty Davis, KD4VYP, of Pinehurst, NC, became a Silent Key in April. The Chapter paused for a moment of silence to remember him.

There is still a lot of ham radio activity in our members. For those DX-wise, our member Bill Tippet, W4ZV, the world leader on the 160 meter band was able to work the Spring DXpeditions to bring his total, when accepted, to 297 countries. The new ones on the 160 meter band will be Temotu Island, H40, Astral Island, FOØ, and the Marquesas Islands, FOØ. Congratulations, Bill!

Net Control for the Sunday morning 3935 kHz net, Walt Van Giesen, AB4DQ, reported 27 different stations joined the Net from March through June, with an average attendance of 12 stations. George McBride, W4DGJ, had perfect attendance, and was awarded the Net for the next three months. Two visitors, KD4SFI and W2CW were visitors to our Net. All Amateurs whether QCWA members or not are always welcome to join us at 8:45 AM.

Henry Elwell, N4UH, Secretary

Chapter 134, Maine

Six members were honored at the June meeting of the Pine Tree Chapter. "65 Year" Awards went to W1GJ, ND1D, W1FUZ, and W1HJP, a "60 Year" Award to W1NV and a "50 Year" Award to W1QWW. Only W1GJ and W1NV were able to be present to receive their award in person. Pine Cone Net certificates were awarded to several net members who had checked into the net over five times during the current net season: W1CUW, WB6X, N1KAT and W1JTH Arrangements are being made for those who were not present at the luncheon to receive their awards at a later date.

A brief memorial service was conducted at this meeting for Bernard (Bernie) Langley, W1EZR, who became a silent key on June 5. Several members of the Chapter spoke of their pleasant relationship with Bernie over many years when traveled throughout the area representing a radio supply distributor. He was also well known as an active member of the ham radio community, having devoted many years to the Yankee Radio Club as its Secretary. He was a Charter Member of the Pine Tree Chapter, had been President, Vice-president and was a Director at the time of his death. Bernie was a real gentleman at all times and he leaves a big hole in the organization. He was



W1NV and W1GJ pose with their awards.

82 years of age. Congratulations are in order to our chapter president Bill Woodhead, N1KAT, for his successful election as ARRL Maine Section Manager. He will be looking for your support in both of those activities. There were 37 members and guests present at the June 1998 meeting at Curly's Restaurant in Monmouth, Maine. A reminder went out for members to return their ballots promptly to Headquarters in the 1998 election.

Phil Young, W1JTH, Secretary/Treasurer

Chapter 138, Marconi

On Sunday afternoon May 3, 1998 the 17th annual dinner was held at the Fort Monmouth Officer's Club, Gibb's Hall. Between the hours of 3:00 to 4:00 the members gathered together for a social hour. On the floor several exhibits were set up by the Tuskegee airmen showing their contribution and valor during WW II. Also, on exhibit was: the National Marconi Museum award plaque presented to our chapter last year; a display inviting the membership to help in recruiting new members; and a display of the new Information Age center to be housed in the old Marconi Wireless Telegraph Company of America buildings in the Camp Evans Area (see web site: "www.infoage.org" for more information). Joe Dreifuss (W2KQ), Marconi Chapter President noted that there were 137 members, XYLs and friends present and that this was the largest gathering for the chapter dinner meeting. Attending the meeting were: Jack Kelleher (W4ZC), National President; Bob Buus (W2OD), National Director; Roy Edwards (AB2RE), ARRL NNJ Section Manager; Fred Carl, Director of the Infoage Center, and the Tuskegee airmen guest speakers.

Bernie Ricciardi (WB2EJT) gave the secretary's report highlighting the events of the past years especially the visit to Twin Lights, and the cover of the National Journal. He stressed the need for new membership and noted that the Marconi chapter covers an area very fertile for new members. "Go out and ask them, they have waited 25 years to join!" The chapter goals of talking to children and the community, as a whole about the virtues of amateur radio and the volunteering to help at the new Infoage



National QCWA Meritorious Award presented to Bernie Ricciardi, WB2EJT, by Jack Kelleher, W4ZC

Center, is best be accomplished by QCWA members.

Joe announced plans for a field trip and picnic to visit the home and museum of Mike Feher (N4FS). Mike collects old radios, Marconi equipment, telegraph keys, electronics equipment in general, issues of QST and of very old tubes amongst other things. Also, Joe announced a trip to visit of the old Marconi buildings at the planned site of the new Information Age Center.

The Diamond Jubilee Award was presented to Bill Dade (W2HGI), Donald Gagne (W2LID) and Bernard Schreiber (W2QFQ). The Elmer award went to Larry Makoski (N2ELW) who could not attend. A certificate of Appreciation was presented to Ed Roswell (K2MGM) for the work and upkeep of the Marconi Chapter Web page (www.monmouth.com/~eroswell/qcwa138.htm). A Public Service Award was presented to Joe Walko (KB2NZU) for the many hours of dedicated effort he puts in to help others on the Asbury repeater. Jack Kelleher presented the National QCWA Meritorious Award to Bernie Ricciardi for the work accomplished in researching Marconi's work in the New Jersey area.

The Tuskegee airmen talked about the tough times they had during WW II as black airmen and the many obstacles they had to overcome to achieve the many coveted awards they earned. Today they talk to children about citizenship and patriotism. They noted that there is an HBO movie on the Tuskegee Airmen and said that it was a good representation of their WW II activities. Many questions for the floor were addressed. Joe presented them with a Certificate of Appreciation.

Many table prizes were handed out from a Atomic Clock, small radios, glasses, mugs and an assortment of other nice prizes. Also, an antique 1922 "Vibroplex Bug" donated by Leta Ladd (WA2QCE) that was in collectors condition, dust and all; and a framed collection of Marconi First Day of Issue stamps from the Solomon Islands were raffled off. Many members commented on the program, place, food and the professional atmosphere of the Sun-

day afternoon event. Marconi Chapter web is: www.monmouth.com/~eroswell/qcwa138.htm.

Bernie Ricciardi (WB2EJT) Secretary,
(bvricc@monmouth.com)

Chapter 143, North Colorado

Wyoming's traditional winds are not all bad. They blew Bob Jackson, WB6NPZ, out of Casper, WY, and into Ft. Collins, CO. That was two years ago. "Casper Bob" as he's known my many, joined QCWA, with a little encouragement from his new "mature" ham friends. He joined Chapter 143 at the same time. Today he is president of the chapter and one of its most interesting members.



Bob Jackson WB8NPZ, the new president of North Colorado Chapter 143, sits at the console of his self-designed station.

Bob was born in Jacksonville, FL. At the age of five he lost his sight. His family moved to New York and Bob entered, and graduated from, the Bronx School for the Blind.

While in New York Bob became friends with legendary blind ham, Bob Gunderson, W2JIO. From that point on, Bob's life has been dedicated to ham radio and teaching visually impaired people that their sight problem can be a non—handicap. He has taught at schools and universities, and wound up in Casper as educational consultant for the Wyoming Department of Education. His main teaching tool has always been his incredible ability to provide inspiration to those he taught by setting an almost unbelievable example.

Bob Gunderson gave Bob his novice exam, resulting in Bob becoming KN2LNP (long—nosed pliers) in 1956. Today he pounds a mechanical bug sending and receiving at 30, 40 or 50 words per minute — often while engaged in conversation with ham shack guests. Too bad his Braille typewriter can't keep up with such data rates. He almost always responds to cw calls on 30 meters, 10,120 kHz plus or minus a few cycles.

(One amusing incident needs reporting. The writer inquired about the Braille system and was treated to a quick but amazingly thorough crash course in the mysterious method of recording information. After several attempts to learn the ingenious by—feel system. I confessed there was no way I could master it. The bumps on the paper

Chapter Reports

were too small and too close together. Bob replied, with tongue-in-check sympathy, "It must be hell living with a handicap like that.")

Bob took over the Chapter's reins from retiring Dick Bird, KØIRS. Dick agreed to retain his chapter activity serving as Chapter vice president, and Jim Fahnstock, WØOA, signed on as Secretary/Treasurer for the year. Other board members include:

Cliff Baker, WØITD; Roger Cozens, WØDWE; Clyde Glass, NØCG; Sam Selders, WØHJX and Walt Hayward, WØPLD.

The chapter recently benefited by the ingenuity and fast thinking of non-QCWA—member Ed Mistler, KGØAZ. Ed had made contact with another ham who wanted to sell "a bunch of stuff," valued at about \$1700. The seller said he'd accept \$1,000 cash for the whole collection. Ed concluded one ham couldn't use the wide variety of goodies included, and he approached the Chapter suggesting it might be an opportunity for members to pick up some bargains and maybe make a few bucks for the treasury. That "few" turned out to be 125 bucks, and some of the members' bargains included a mint SB—200 for \$75, a humongous Telrex tribander for \$75 and many other clear bargains. Ed and his XYL, Mary, were guests of honor at the Chapter's June 6th luncheon.

Two new Chapter life members were recognized: Dick Bailer, WØJUD, and Mary Nissen, N5ASQ. Both qualified under the Chapter's life membership bargain: you pay \$80 minus your age.

The Chapter continues to gather weekly at the Ft. Collins Golden Corral every Wednesday for lunch. We discovered the manager of the restaurant just happened to be NØZPR. Small world, isn't it!

So the chapter continues with enthusiasm, despite its regrettable absence from the past two JOURNALS, thanks to its equally—regrettably delinquent Secretary.

Any QCWAer coming within 50 miles of Ft. Collins (in the near field of WWV) in northern Colorado should make his presence known on the NCARC repeater 14S,11S — 600 (100 Hz tone). Those of us whose radios have aged like ourselves can simply punch in zero star to disable the need for tones. It's not a club repeater, but it is a friendly one and all are welcome. It also serves as a platform for the chapter's weekly 8:30 mountain time Sunday morning nets which are open to all.

Jim Fahnstock WØOA - Secretary

Chapter 149, Nutmeg



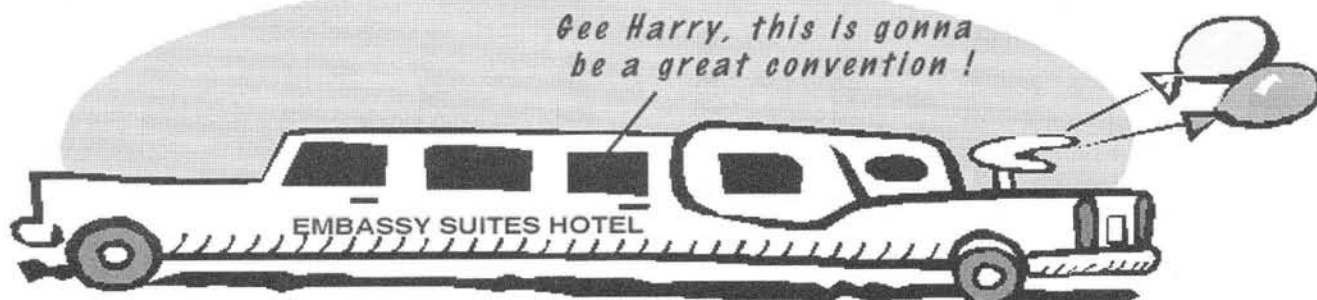
Left to right is, W1BNL 60-Year, K1JNR 50-Year, W1DQR 65-Year, W1GHU 60-Year.

Chapter 162, Southeast Wisconsin

The Southeast Wisconsin Chapter 162 was incorporated in May 1989. The chapter has gradually grown from the original ten charter members to the present membership of 23, although members lost as SKs or through moving out of the area have totaled 17. Two members wanted to keep their membership in the chapter although moving - one to Florida and one to Alabama. Four members actually live in northeast Illinois but have maintained their chapter membership. The chapter meet is monthly and alternates between business and social meetings, usually in an area restaurant. Dues are \$3 per year and members are provided a QCWA name badge as evidence of membership. Various fund raising activities have kept the treasury healthy despite the low dues.

The chapter has acquired VHF and HF station equipment that has been used at Field Day and in public demonstrations. The call of a former member now an SK has been obtained for the chapter station. K9AKG is considered a memorial station to Olin Fox. An annual memorial award has also been established using the interest on a fund established for that purpose, so the award should be perpetual.

Chapter activities have included participation in local Amateur license classes, assisting with local ham license testing and public ham radio demonstrations at local



schools. Members take part in all local community activities where ham radio is used for communication. We have also counted the votes for two national QCWA elections. While the chapter is probably one of the smaller ones of the QCWA, we feel it is one of the most active. Six of our members have received 50-year certificates, 6 have received 55-year certificates, 3 have 60-year certificates and two or three will be eligible for Century Club membership next year. Twelve hold Extra class licenses and four are life members of QCWA.

Chapter participation in Field Day last year was QRP with all power provided by batteries or solar cells. Similar participation is contemplated for this year.

Robert N. Jensen, W0WLN - Secretary-Treasurer

Chapter 166, Colonial

The Board of Directors held a meeting on 29 June to discuss the plans for the upcoming year. In attendance was Tom Jones W3BED President, Ray Henry W3ZVY Vice President, Woody Sbei W3TTW Secretary/Treasurer and Directors Sam Thompson K3ST, Jim Faries W3AOA, Howard Trout W3IGW & Charlie Stouth W3ZPP.

It was decided to discontinue the monthly breakfast meetings as our membership is so widely scattered that a central or convenient place has not been found. Perhaps in the future something might turn up that will fill the bill and the breakfast meetings can be resumed. We will continue our luncheon meetings which are held on the fourth Wednesday of a month.

Our next luncheon meeting being the 30th of September with the speaker from Penn State University. On December 9th will be the annual Christmas Party. By the time you read this our Picnic will have come and gone and those of you who missed it, missed a grand day and a get together that we look forward to...

Soon it will be time to come up with a slate of officers for the year 1999. Think about this. What are you willing to do for your Chapter?? Don't say no when called upon to serve. We have a lot of talent in this Chapter

Charlie Stouth W3ZPP

Chapter 168, Oregon Trail (Portland, Oregon)

The Spring meeting and luncheon of the Chapter was held at North's Grand Buffet Restaurant, 10520 NE Halsey St. in Portland. Thirteen members and four guests were present for the meeting and lunch. Our guests were; Carolyn, KB7AEK, Eleanor, KC7LQM, Howard, brother of Walt, W7ERA and Jim, W7LVN.

Jim, W7LVN, General Manager drove up from Eugene to attend the meeting. Jim brought several cups with QCWA logo and 'Old Fashioned Log Books' that were sold for \$4 apiece. He also brought a 'QCWA 50th Anniversary Watch' that was auctioned off

Jim led discussion on several issues of interest to the group. He reported he would setup and staff a Booth at SEAPAC the end of May. He did ask for some help or relief at the booth during the Convention. He needs relief to get some rest and food and also to see some of the exhibits. Jim quoted some recent statistics that indicate Technician Class will be the largest single group of Ama-

teur Operators within just a few years. Here is an opportunity for some of us to do some serious 'Elmering' to help these folks to enjoy the HF frequencies.

Dick, W7HUY brought a copy of his very first QSL. It was sent to W6RUS who later made a copy and returned it to Dick. They have exchanged several cards since then.

Ken, K7CLL borrowed a Video Tape of the Vintage Radio Collection of Tex Sloat, W7AHK. The tape was filmed and narrated by W7AOB and shows much of the collection Tex has gathered. Most of the collection has been restored to mint condition by Tex. There is beautiful equipment ranging from transmitters and receivers built on open wooden chassis to some of the equipment of the latter half of the century. Whatever your first rigs were, Tex quite possibly has a model in his collection. There is a lot of nostalgia in this collection.

We hope you made it to SEAPAC and met many old friends there. Have a good Summer and we look forward to seeing you at the Fall Meeting of the Chapter in October.

Chapter 181, Hudson Valley

The Chapter held its first meeting of the year, the Annual Meeting, on April 25, 1998. In attendance were 23 members and guests at the Port Chester Coach Diner.

Member Sy Yuter, W2NBT, gave a very interesting talk about the Briarcliff International Stock Car Race which occurred on Friday, April 24, 1908! The Rotary Club of Briarcliff celebrated the 90th anniversary of the event with a "victory lap" over essentially the same course on Friday, April 24, 1998 - yesterday! Eight old cars turned out and were led by the Briarcliff Fire-Chief car. Interestingly, the "victory lap" took 3 hours what with today's traffic, traffic signals and the fact one car ran out of gas! The race had gone much faster! Communications on such an event nowadays is very simple whereas in 1908, it took two Marconi spark gap rigs to convey the results to New York City.



Gus Levy W2LAP holds his 60 yr. Gold certificate while Dick Robinson W2OZA (Pres.) presents the Century Club Award to Dick O'Brien NJ2J.

Chapter Reports

The same Officers and Directors were re-elected for another term.

Frank Lauri, KD2IX, and Lou Leonard, WA2UIJ, both followed their fathers interest in fooling around with old radios, crystal sets, etc. They both worked their way to ham radio licenses in their teens. Both gave fascinating stories of their experiences

Awards were presented to two members: Gus Levy, W2LAP, received the 60 YEAR GOLD CERTIFICATE, and Dick O'Brien, NJ2J, the CENTURY CLUB AWARD.

Harry Moore, W2JQS, conducted a prize drawing in his usual, impeccable style, after which the meeting was adjourned.

Dick O'Brien, NJ2J, Secretary

Chapter 183, Pioneer Chapter

The 75 year award was presented to Art Zavarella, W1KK who was not able to attend our Spring meeting. A group of officers from the Pioneer Chapter 183 went to his home on April 25th to make the presentation. They included: W1ALL, K1BXE, K1II, K1ILZ, and W1DGJ.

The event was also covered by a local newspaper photographer and an interview with Art was published in



Mike Ludkiewicz W1DGJ presents Art Zavarella W1KK the 75 yer. award.

the newspaper. I am enclosing a copy of that interview. Art is a Charter Member of the Pioneer Chapter 183 and is the one person most responsible with the formation of the Chapter. He was the "driving force" in encouraging others to form a new QCWA Chapter in this area.

ART ZAVARELLA, W1AIG, W1MNO, W1KK

Born on November 23, 1906 in Sulmona, Italy, Art Zavarella came to the U.S. in 1916 at the age of 6. He first operated Amateur Radio in 1923 as W1AIG. From 1926 thru 1930 he attended Worcester Poly-Tech, majoring in Chemistry and Chemical Engineering. He later earned his

Masters Degree at Holy Cross. In 1934 Art served a brief stint with the Civilian Conservation Corps and in 1936 he became a Junior Chemist at the Navy Torpedo Station in Newport, RI.

From 1940 thru 1966 Art was head of the Materials Laboratory at the Springfield Armory where he patented a method to extend machine gun barrel life by 100%. His idea to chrome plate the breach area is said to have helped win the Battle of Britain. He later spent 9 years as a Professor of Physical Sciences at Westfield State College, retiring at the age of 70.

Art was appointed Civilian Defense Radio Officer for Agawam in 1950 and served as Civilian Defense Director from 1955 until 1980.

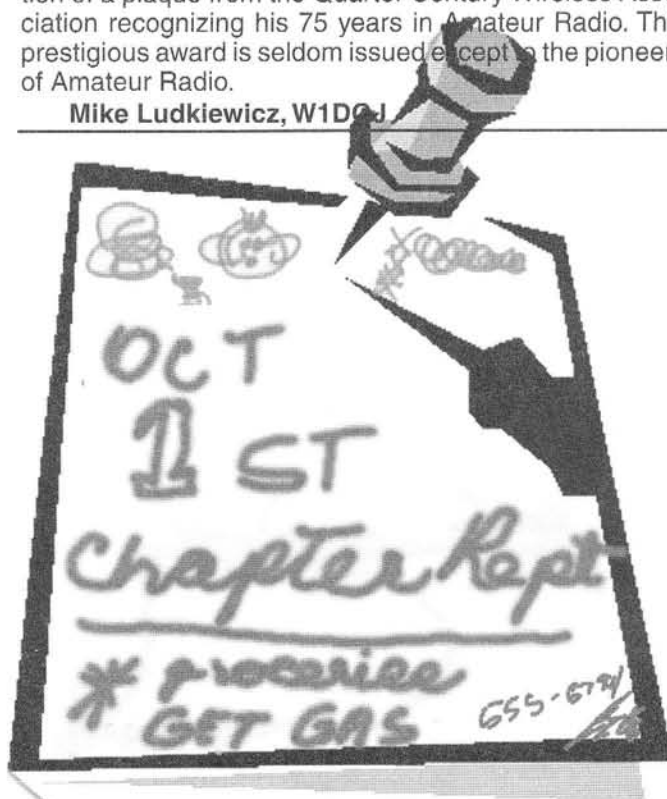
On October 7, 1957 Art picked up the coded signals from the first Soviet rocket sent into space, Sputnik. In 1983 he made another extraterrestrial contact when U.S. Astronaut Owen K. Garriott brought a ham radio along with him on the space shuttle Columbia. Art has also bounced dots and dashes of Morse code off the moon to fellow radio operators across the globe.

Art has been instrumental in many local people getting their first ham license by guiding them with the Morse code and technical requirements needed to pass the Federal Communications test. He is capable of understanding Morse code at 45 words per minute.

He has also been very involved in relaying radiograms across the country in a network of stations designed to deliver personal messages from hams, friends, or anyone wishing to utilize this system. This radio network prepares Amateur Radio operators in proficiency during times of natural disasters or other emergencies.

On April 18, 1998 Art was honored with the presentation of a plaque from the Quarter Century Wireless Association recognizing his 75 years in Amateur Radio. This prestigious award is seldom issued except to the pioneers of Amateur Radio.

Mike Ludkiewicz, W1DGJ



Silent Keys

with sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	STATE
LANGLEY, BERNARD R	W1EZR	04936		1998	POLAND	ME
LEEDHAM, FREDERICK W	W1WOX	20342		1998	CLEARWATER	FL
LINK, FRED M	W2ALU	10510	*	1998	PITTSBOWN	NJ
ARNOW, BERT B	W2BCM	05888	*	1998	DELRAY BEACH	FL
RUBINSTEIN, SAMUEL A	W2BOK	15977		1998	SHREWSBURY	NJ
ZANGENBERG, HENRY E	W2CCS	02291		1998	ASHEVILLE	NC
BELLINGHAM, LOWELL	W2HXJ	09375		1998	HOLMDEL	NJ
LANDAU, HARRY L	W2IX	06115	*	1998	OCEANPORT	NJ
DONAWAY, JOHN W	WB2JMK	24270		1998	LEWES	DE
EARNSHAW, EDWARD	W2OAC	09799	*	1998	NORTH HALEDON	NJ
KRAIN, MILTON J	W2UNL	10391		1998	JACKSON	NJ
COOK, JACK N	VE3AMP	25476		1998	LUTZ	FL
MITCHELL, ROBERT	VE3BXF	11738		1998	PORT COLBORNE	ON
CURTIS, RALPH W SR	K3CFL	26982		1998	LEWES	DE
MERCADER, ANTOINE	F3DM	02463	*	1997	FRANCE	
MARTIN, CHESTER R	W3EIL	17557		1998	WASHINGTON	DC
TRANSUE, ERNEST R	W3MDO	07561	*	1998	STROUDSBURG	PA
ECK, PAUL J	K3UWJ	08615		1998	WILLAMSPORT	PA
ANDERSON, HAROLD L	W3YLI	13669	*	1998	ERIE	PA
EISINGER, H PETER	W3ZE	16842	*	1998	VIENNA	VA
MARTIN, REID O	W4BP	11091		1998	EUSTIS	FL
HOBBY, WALTER T	WA4FKE	19992	*	1997	MIMS	FL
BOYLES, JOSEPH M	W4GHR	26920		1998	WILLIS	MI
CALE, JOHN C	W4GOV	06186	*	1998	TALLAHASSEE	FL
BROWN, MORRIS L	K4GSL	08289	*	1998	TAMPA	FL
VAZQUEZ, PAUL	K4IZI	16282		1998	EAST POINT	GA
MC CONVILLE, JOSEPH	WD4MFA	20302		1998	SARASOTA	FL
OEBBECKE, MARTIN N	KF4NM	16146		1998	ST DAVIDS	PA
WHATLEY, JUDSON FIELDS	W4NZJ	18576	*	1998	SNELLVILLE	GA
DAVIS, THEODORE C JR	KD4VYP	26199		1998	SOUTHERN PINES	NC
MORGAN, KENIMER H	W4WB	08960	*	1998	WILLIAMSBURG	KY
DONBAR, CRESSON F	K4YL	02624	*	1998	BRADENTON	FL
RICKS, OBEDIAN D JRUSE	W5DUS	13094	*	1998	BATON ROUGE	LA
FOHN, HORACE J	W5HBT	12129		1998	CEDAR CREEK	TX
VREDENBURG, BETTY	K5IMD	14953	*	1998	TYLER	TX
FURTH, M A	W5IWA	06976		1998	NEDERLAND	TX
RINEHART, EDWIN O	W5KF	05320		1998	AUSTIN	TX
HOWARD, G M	W5KM	05981		1998	DALLAS	TX
SINGLETARY, ROBERT P	W5MCM	28509		1998	OKLAHOMA CITY	OK
PHILLIPS, FRANK A	W5QPH	07459	*	1998	BROOKS	GA
SARNO, JOSEPH J	K5TGE	11486	*	1998	ARLINGTON	TX
KELLY, ROBERT W	W5TQS	15469	*	1998	SAN ANTONIO	TX
ESTEP, HAL A	W6BEU	02403		1998	SACRAMENTO	CA
BRADSHAW, ERNEST L	VK6EB	09690	*	1998	AUSTRALIA	
PHELAN, JACK D	W6FH	16419		1998	CORONADO	CA
WIETING, JOHN H	K6QM	06536	*	1998	IMPERIAL BEACH	CA
GIFFEN, RICHARD M	K6SV	24816		1998	HENDERSONVILLE	NC
WILEY, CLIFF	K6TEH	17578	*	1997	SALINAS	CA
CAMERON, D G	W6UJ	02766	*	1997	LOMPOC	CA
APPLETON, HARRY	KD6ZT	01481	*	1998	PASADENA	CA
WARREN, EUGENE H	VE7BRC	02227	*	1997	VANANDA	BC
GATES, LEONARD E	W7CCV	28952		1998	THE DALLES	OR
GOLDWATER, BARRY M	K7UGA	03567	*	1998	SCOTTSDALE	AZ
BAIN, LARRY R	W8GBR	09550	*	1998	NEWBERRY	MI
ALEXANDER, DAVID C	W8GD	16467	*	1998	TOLEDO	OH
PAULITZKY, ELMER R	WA8HFC	26316		1998	CLEVELAND	OH
KIMBALL, DEAN E	W8KTM	17349		1998	YELLOW SPRINGS	OH
STEELE, SAM E	W8SZ	01152	*	1998	BEREA	OH
STEELE, SAM E	W8SZ	01152	*	1998	BEREA	OH
GUTH, FRANK L	W9BCC	07850		1998	PLOVER	WI
CLEMANS, CHARLES C	W9COG	08113		1997	OSHKOSH	WI
HOGDEN, ALVIN M	W9FIO	12534		1997	LA CROSSE	WI
ROSE, SIDNEY R	W9VKC	07125		1998	PALM DESERT	CA
ROSE, SIDNEY R	W9VKC	07125		1998	PALM DESERT	CA
HALL, R R	W0CRO	05876		1998	MINNEAPOLIS	MN
SQUIRE, JAMES E	W0SKV	15530		1998	ELGIN	NE
MOSER, FRANK J	W0SNX	08362		1998	WOODBURY	MN
CIDLIK, IVAN A	W0WVE	11085	*	1998	LINCOLN	NE

Knoxville's First Ham (s) OR When Radio was Wireless

By E. Jack Goforth K4IBP

No one is sure who Knoxville's first experimenter with wireless technology was. We do however, have documentation on several men that were certainly among the first. The name of the earliest wireless experimenter I have been able to discover is Powell May, W4FX. Cliff Fligg, of the Knoxville Journal did a full page story in December 1940 on Powell May and his early pursuit of wireless, starting in 1908. Fligg says May was Knoxville's first radio operator.

May, said in that article. "in those days my neighbors no doubt thought I was a little 'teched in the head,' the way I carried on with pieces of wire stretched across the backyard, and always puttering with funny gadgets that somehow didn't make sense to them."

In order to appreciate the time line of 1908, in regards to radio, let's review to where radio development had progressed by this time. The following is a list of events in the history of radio that gives us sonic ideas of what it would have been like to be a "ham" radio operator in 1908.

1895. Marconi sends and receives wireless signals across his father's estate in Italy. 1899. Marconi flashes first signals across English Channel. 1901. Marconi receives first signals from across the Atlantic. 1904. US Navy established 20 shore stations with 10 additional stations on the way. US Army had six stations and eight private firms had several stations. Total number of a non experimental stations in the US including ships under US flags, less than 100 1906. Lee De Forest invents the audion, a three-element vacuum tube having a filament, grid and plate. (It would take 10 years to bring it to market) This also was the year Greenleaf Picker invented the silicon or crystal detector. The important thing is that with these two inventions, the future of wireless was changed forever because radiotelephony became practical. 1906-7.. At this time there was published in the Weekly Western Electrician, of Chicago, the first American book-length treatise on "Radio Telegraphy," which explained the make-up and operation of all known methods of transmission and reception. By 1907 there were a few hundred "Amateur radio operators" in the US but few were transmitting with any regularity.

1908. Clinton DeSoto in his book, 200 Meters and Down, described 1908 as the most significant dividing line in Amateur history. It was in this year that the "Amateur radio operator," the individual that is interested in radiocommunication solely with personal aim and without pecuniary interest, was separated from the welter of experimenters that were scientist, engineers, inventors and would-be inventors that were trying to develop a "system of wireless" that could be exploited by stock companies.

There was little to no phone or voice operation on the air in 1908. While this mode had been demonstrated and experiments were made from time to time, the Amateur

stations mostly consisted of a Ruhmkorff (induction) coil, a condenser and spark gap for the transmitter, and a simple untuned coherer-decoherer receiver. The frequencies used in those days, along with the size of the spark gap and the type of detector used, determined the maximum range of the station. (skip was not a factor on 600 to 950 meters).

The average Amateur transmitter in 1908 was using a one to 3 inch spark gap with an untuned antenna of about 35 feet in height. With a coherer detector used in the receiver, the maximum range of the station would be between 10 and 15 miles. A simple change to a liquid detector in the receiver would increase the range to 20 to 25 miles. With "tanning," and a 15 inch spark gap and an antenna height of 180 feet, one could expect the maximum range of 75 to 100 miles. Using the new crystal detector in their receivers, hams soon found they could receive from greater distances than the transmitter and antennas they could afford could transmit.

Powell May's first "set" was a spark type transmitter and used a crystal and a cat whisker for a receiver. May recounts that he learned of a ham named Frank Delaney that had a very powerful station on the outskirts of Bristol, TN. May wrote Delaney and suggested a schedule. Almost daily for two years May and Delaney worked to make contact. The problem early on was neither station used tuning circuits in their rigs which limited range. Later, after installing tuning circuits, neither knew, nor could tell, exactly what frequency they or the other was using. Then one night there was great excitement in the Delaney radio shack at Bristol, May's signal and his call letters had been heard. Delaney sent a telegram to May who could scarcely contain his joy. May said he then knew the thrill that was experienced by Samuel Morse when his historic message was sent over the first telegraph from one room to another. Meanwhile, May had been receiving the signals of ships in the Atlantic. The signals came in more clearly as he improved his set and his transmitter's signals were being heard farther and farther away from Knoxville.

Powell May was a telegraph operator for the Postal telegraph company in 1908 and moved to Western Union in 1912. (He later became the chief operator) Like the proposition, "which came first, the chicken or the egg?" May was not sure whether it was his interest in wireless that whetted his appetite for his job as a telegraph operator, or his job as a telegraph operator that made him one of the country's original amateur wireless operators. May was not what we would call a "DXer" or "rag chewer" today. His interest was traffic, especially emergency traffic during floods, hurricanes and disasters that disrupted normal communication.

In 1912, wireless still hadn't gathered a large amateur following when the Titanic hit an iceberg and frantic SOS signals were sent out. The story of that rescue brought well-deserved notice for that new thing called wireless.

and paved the way for Powell May to participate in a historic event. That year a group of progressive Knoxville leaders bravely decided to stage the Appalachian Exposition. (This was similar in format and an early forerunner of the Tennessee A & I Fair) Wiley Thomas and Powell May decided that the public should know more about radio, so they rented space and at the exposition building next to the one housing the diorama, "The Sinking of the Titanic." A full wireless station was assembled and demonstrations and lectures on radio and wireless were prepared for presentation. The public was to be charged an admission of 10 cents to see the station demonstrated and hear the lectures. The day the exposition was to open, May sat at the key of the station anxiously awaiting an expected signal. It came from Arlington, Va., and was a message written by President William Taft to the officials of the Appalachian Exposition. It was being flashed through the ether without wires to Knoxville! Powell May then took that message and handed it to the local officials who marched, the message in hand to the gates of the exposition grounds, read the message and then officially opened the exposition.

May and Wiley's exposition endeavor was not a financial success but they covered their expenses of about \$1,000. Powell May was very disappointed that more people would not spend a dime to see and hear about wireless. There were many, he said, that thought he had faked the receiving of the president's message opening the exposition. I have been told that in that day, some rural preachers told their congregations, that if God had intended man to communicate over great distances he would have created him with that ability naturally. Others saw the devil's hand in anything that used the mysterious electrical technology. Apparently, many simply believed the wireless exhibit to be a midway hoax.

About 1915, one of the great inventions that would revolutionize radio became available to May. May wanted to progress in wireless, so he purchased one of the "new-fangled" vacuum tubes from a wildcat outfit that might have violated the patents. When the tube arrived, it was with great ceremony, placed in May's set as a detector tube replacing the crystal detector. Immediately his signals came in more loudly. The cat's whisker had been eliminated.

By this time May's signals were going farther, he had contacts with men in Toronto and Butte, Montana. It was about this time Western Union transferred him to Mobile and he had to leave his beloved set behind. Shortly after WW1 came along, all amateur radio was banned for the duration. It was not until 1924 that May returned to Knoxville and resumed his activities as a ham. But this time he was a radio operator, not a wireless operator. The war and science had given ether communications a great boost. (It appears that May considered spark transmission "wireless" and the later use of vacuum tube sets and CW "radio.")

May was a member of the old Tennessee Valley Radio Club and was very well known and helpful to other

early hams. One of the frequent visitors to his early shack was Stuart Adcock, another young telegraph operator that became a ham. Adcock, at 15 years of age, worked for Peoples Telephone and Telegraph in Knoxville as a telegraph operator. He built for Peoples Knoxville's and one of the country's first broadcast stations, WNAV. The station was a two-tube 50 watt station using motor-generated 1)C power with a flat top antenna located where the TVA buildings are today. Adcock at 18, purchased the station and changed the call letter to WNOX. Adcock, with another boyhood friend and ham operator Joe Epperson, would construct two more broadcast stations in Knoxville, WNBK and WROL. Epperson later became the chief engineer of WNOX and with another early Knoxville ham, UT graduate and consulting engineer, Andy Ring, supervised the design and building of WNOX's 10,000 watt transmitter and four tower directional antenna in 1941. The antenna array is still in use today. Stuart Adcock purchased WNBK, which was owned by the Lonsdale Baptist Church in 1927, moved the station to the UT strip and changing time call to WROL. Adcock grew the station from 50 watts to a 5,000 watt regional outlet for NBC. In \ Stu Adcock also added an FM station. WROL- FM and built the first transmitter and tower ever located on Sharps Ridge. Adcock sold the stations in 1950 retired to Florida at the ripe old age of 45.

I have a picture of Powell May and his station taken by Ross Hahn in 1940. Hahn, in addition to being a fine photographer was also one of the early Hams in Knoxville. Another early ham operator who J interviewed for this article is Bob Oswald, W4HL Bob used spark, and has been a ham for many years. Oswald has helped many young boys get their license and helped them get on the air. Dr. Joe Sweet, K4HJN and Don Prater, W4TO, are just two of the many this kind gentleman has been a mentor for throughout the years. Bob was a member of the old Fountain City Radio Club and is now poor health. But you can still hear him from time to time on the two meter repeaters

I would like to find the call letters and more information of the early hams and the "golden days" of Amateur radio in Knoxville. I love to hear about the smell of the ozone and the clatter the old rotary gaps made. I have heard stories of the eerie flashes of light and sounds that would emanate from the shacks of early hams, especially at night back then. . L I even heard that some hams were accused of "moonshine'n" with all the copper coils and Leyden jars. Harold Merritt, an old WROL. and WATE TV transmitter engineer use to tell me about winding his own power, and later modulation transformers. He hated store-bought power transformers, said they got hot and were not efficient. In the early days. if you used an oil-immersed 1/4-kilowatt transformer and a battery of Leyden jars with your rig 100 miles was guaranteed.

Reference: Knoxville Journal, story 12/ 8/1940 Clinton DeSoto, 200 Meters and Down History of Radio (Internet) Various personal interviews Knox County Archives Knoxville News Sentinel. various articles

Tony Mercader/F3DM (Agent Leopard)

A real life spy story of a ham in the WWII resistance movement

by Malcolm McLeman/F5VBU (GM3/G3UIN)

Tony was licensed in 1933 and after serving five years as a radio operator/navigator with Night Bomber Command of the French Air Force. He took up a position in 1939 with the French police, soon rising to the rank of Inspector with Interpol in Paris.

In 1940, while France was collapsing under the Nazi invasion, Tony was assigned by the French Government, now removed from Paris, to Bordeaux to travel to Tours to secure vital intelligence archives before they fell into enemy hands; traveling against the chaotic flow of military disarray and refugees moving southward. Part of the trip was an extremely uncomfortable 48 hours sitting on the buffer of a train but Tony finally reached Chateau Gramont where the archives were stored in an old barn! A lorry was hastily requisitioned and the archives were transported to Pau in the far south where they were burned. Had these documents fallen into enemy hands there is no telling how it would have affected France's efforts to resist the next four years of Nazi Occupation.

After the capitulation of France in 1940, Tony found himself back in his home region, the Catalan speaking southeast known as Roussillon on the Pyrennean border with Spain. In the small port of Port Vendre he unsuccessfully attempted to stowaway on a ship bound for Algiers to escape the occupation.

With the formation of Vichy "Free" France (all French territories south of the River Loire under the jurisdiction of the French First World War hero Marshall Petain), Tony was recalled to join the reformed ST (Securite Territoriale). He was posted to the town of Vichy itself, given the position of Superintendent to set up communication networks between all the "Free" regions using salvaged military radios that had missed the prying eyes of the 1940 Franco-German Armistice Commission. He was also given control of all of the police radio repairs in the "Free" French Zone.

It was not long before Tony was involved in the local resistance movement and one of his early successes was the conversion of standard AM radios to combat jamming. He modified the four pin phonograph pickup socket at the rear of most radios of this time, to accept a type 80 valve (tube) as an RF preselector giving increased selectivity and clearer reception of the Free French broadcasts from the BBC in London. When not required, the valve could be removed and hidden leaving the radio looking perfectly normal.

Tony's department was also the reception centre for any radio equipment that had been dropped by the Allied Intelligence services and had fallen into the hands of Vichy French "Gendarmes". They were assessed by Tony and then sealed. These sets varied from the crude British Whaddon single 807 type Mk1 transmitter to the sophisticated AP-5 transceiver designed by Free Polish techni-

cians in London. Very soon he had eleven sets under lock and key in his office and it was not long before he was approached by a resistance group known as "Action PTT" who were looking for a transceiver. All the working sets had been duly sealed by Tony except one that was completely useless, the "junk" set was interchanged with a working model which was quickly passed to a grateful visitor.

In 1942 the Germans occupied the "Free" Zone, a very dangerous time for all those involved in any resistance activities. Soon Tony was approached by the well known Gaullist "Ajax" resistance group centered in Lyons to replace not only equipment but to become one of their operators as three operators and equipment had fallen into Gestapo hands. Tony, with the aid of his Vice-Director in the Vichy police, devised a plan to acquire the requested sets. One night he broke into his own office and "stole" all eleven sets which were then hidden in a safe house prior to their transportation to Lyons and "Ajax" - one by one by train. He reported the "burglary" to the appropriate authorities 48 hrs later.

From then on Tony was working full time as a radio operator under the code name "Leopard", not only for the "Ajax" group, but also other intelligence networks. He would wake up at 5 a.m. to cycle 15 miles to send messages to London using an AP-5 transceiver that was stored in the kitchen of an isolated farm house, then cycling back to be in his office in Vichy by 9 a.m.

Towards the end of the war, Tony's operator activities reached phenomenal proportions where he was travelling by train to Lyons to operate several "outstations". Messages were encoded by the "Ajax" staff and retrieved from "dead letter boxes" by Tony, then transmitted to London by three different schedule plans named after famous film actresses of the time - Josephine Baker, Lilian Harvey, and Vivian Romance, a striking French beauty. Tony's daily dicing with the Gestapo not only included his resistance work. The following will indicate how much "Lady Luck" was on his side. His position within the Vichy Police Directorate gave him carte blanche to travel anywhere in the south end one of his duties was to accompany the direction finding vans used by the Germans to monitor and pin point clandestine transmissions. The actual radio direction finding section of the van was out of bounds at all times but during one trip the van was involved in an accident where both the German driver and radio operator were seriously injured, giving Tony an opportunity to examine the goniometer of the direction-finder. To his astonishment he discovered it was one he was familiar with from his days in the French Air Force with the exception that the Germans had modified it using difference colored metal rods to alter the coordinates. Tony immediately "acquired" three of the rods and dispatched them to his Chief in Vichy where he knew they would be examined, analyzed and the information passed to the Resistance. The same after-

noon of the accident, Tony was interrogated by the Gestapo and fortunately was able to prove his innocence to the disappearance of the rods.

Shortly afterwards he was on a similar escort duty and struck up a conversation with the German radio operator who spoke a little French, having worked with Interpol in Switzerland, as Tony had in Paris. During one of the conversations the German radio operator told Tony in confidence that the Gestapo were sending someone down from Lyons to re-interrogate him over the disappearance of the goniometer coordinate rods. A quick telegram to his Chief and he was promptly recalled to duties and relative safety in Vichy.

Six months prior to the Allied invasion of Normandy in 1944 he was warned by his Chief, the Director of Police, that the Gestapo were hot on his tail. Tony hastily departed for Lyons by bicycle complete with a Colt 45 revolver and British Sten machinegun for protection. His radio operating activities continued right up to the cessation of hostilities in France but this time he was provided with an armed escort to protect him during his many changes of address.

In 1949 he was presented with the Croix de Guerre with Vermilion Star personally by General de Gaulle for his efforts to free his Country.

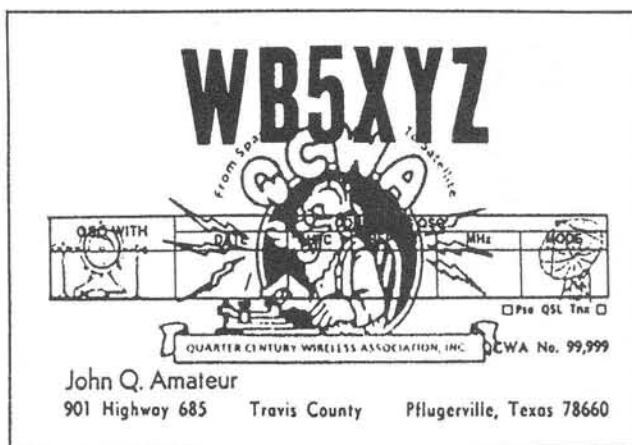
Upon returning to his peacetime duties as a Police Superintendent, Tony remembered his AP-5 transceiver hidden in the oven of the farm house kitchen near Vichy, recovered it and from then until 48 yrs later it lay forgotten on top of a cupboard in his home in Vernet-les-Baines. In 1992 he passed the AP-5 to his friend Pierre F2WL, who took it back to his QTH near Paris. He hastily rigged up a dipole only 2 meters off the ground, plugged in a 7.025 kHz crystal and "voila" he was in contact with G3ZWH on the other side of the channel approximately 400 miles away. It is a tribute to the ruggedness, reliability and design of this wonderful little Polish transceiver that had sent so many urgent messages in the hands of the heroic Resistance operators such as Tony Mercader.

I retired to France in 1993 and it didn't take long to hear F3DM on a local 80m CW morning net. Very soon we met and with my limited French and Tony's limited English, we struck up a friendship. At 83 years old, he was still enjoying his CW and SSB ragchewing plus the occasional bit of home-brew. His impeccable shack is also a veritable museum and library. Once I had introduced him to computers he was hooked, and in his last year was busily writing his memoirs on his newly acquired PC.

Tony very rarely discussed the dangers of his wartime operating but always the more amusing anecdotes. For instance, whenever he finished his daily skeds with London he would send 73's wondering if the London operator was a fellow amateur or not and sometimes out of curiosity - 88s hoping it might be a female at the other end. On one occasion he got the CW "raspberry" dah dah dit dit dah dah!

Last June we planned to operate F3DM/P together in the European Field Day event but regrettably, Tony at 83 was to ill to participate. In November he died peacefully at home in his beloved Vernet-les-Baines the beautiful Catalanian town of his birth to which he had contributed so much to freeing during the war.

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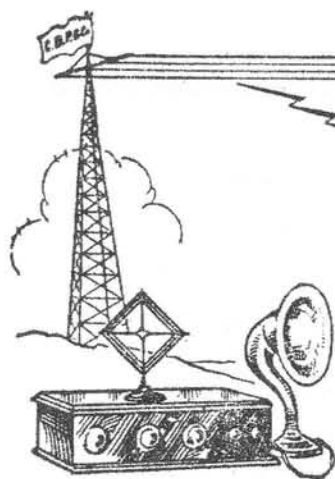
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That's Ham Radio!!

by Rod, N5HV



Submitted by Jean Giesler W4TYU and reprinted with permission

As a nine year old, in 1940, I was given my first radio by my parentsa cast-off, commercially made, 2-headset, catwhisker galena crystal set. I was amazed that I could pick up different stations, some close, some distant, by simply repositioning the catwhisker on the crystal. I was especially intrigued when, while lying in bed on the screen porch one night in San Antonio that I was able to pick up and hear perfectly WBBM, in the Wrigley Building, Chicago, Illinois! I learned that the announcer was Jay Andrees and he hosted the "Music to Dawn" program. It was beautiful music and I listened in rapt attention.

How could it happen.... this little crystal set, with no electricity? How could I hear that distant station? This began my love affair with radio and with listening to distant stations. There was magic to it and there still is!

Later, in my early teens, I was listening to another of my parents' cast-off radios, a Philco desk set with the standard AM band and short wave radio bands up to 18 MHz. One night, tuning around 14 Mcs., I heard W5AHA, Joe Phillips, in my at-that-time hometown of Starkville, Mississippi, talking to Eva, CN8MM (known as CN8 Mickey Mouse) in Morocco. This was in the days of AM Ham radio transmitters and receivers, and I could hear both of them perfectly on my Philco. Eva spoke flawless English. I was enthralled. How could a voice be sent so far with such clarity? How did Joe, W5AHA, do it? I had to find out.

I contacted Joe and told him I'd heard him talking to Eva and he invited me over to his shack to witness it firsthand. Joe used a Hallicrafters SX-28A receiver and a war surplus Collins ART-13 transmitter. One of the most intriguing aspects of the whole station was the 866 mercury vapor rectifiers he used in the homebrew power supply. As Joe spoke into the D-104 microphone, the mercury glowed more intensely. It was as spellbinding as the fact that Joe, with that relatively modest station (100 watts on AM) could talk to people all over the world. I was hooked. I had to become a Ham operator. I wanted to talk to Germany, Morocco, Afghanistan, to everywhere! I had to be a ham!

I built a 117L7GT single tube regenerative receiver with coils wound on the liberated bases of octal socket tubes. I found I could hear Argentina on 10 meters with it! I shall

never, to my dying day, forget the thrill of that moment.

I built a 6J6 (war surplus) single tube oscillator using a hairpin loop for the coil, and tested its frequency with a set of lecher wires that I had constructed on a two by four. I used a single edged razor blade to determine the half wavelength distances. An NE2 attached to the hairpin loop glowed purple but went out as I coursed the lecher wire pair to each halfwave node, and I found it was oscillating at 600 Mcs. I could not believe the success of that simple little oscillator.

I set about building a 2 tube transmitter: 6C4 xtal oscillator feeding a 6AQ5 final. It would light up to full brilliance a no. 47 light bulb. Oh, how I wanted to get on the air..... but I had no license.

I "hung out" at the 25 ham shacks in my home town of Starkville, Mississippi. I helped them with antennas when I could. The hams would let me use their rigs. They gradually came to know that I knew protocol perfectly and so they came to let me use their rigs anytime..... whether they were there or not. I meticulously filled out their logs and used their names and made sure I stayed in the bands. They encouraged me to get my license but I was having too much fun building rigs and modifying SCR-522s to work on the above-2 meter CAP frequencies and other rigs I've long since forgotten. I was in hog heaven but the building and modification of rigs occupied my time. I spent too much time building a 2 x 1S4 regenerative portable receiver (in a cigar box with the coil wound around the outside) and other fun projects, to be confined to the earphones listening to hams talk on CW at speeds too fast for me to copy.

I had difficulty with code (mostly because of my unwillingness to stick to practice religiously and so it was some years later that I obtained my license.... a Novice call of WN5HVV... that took only 5 wpm instead of the previously unattainable 13 wpm. I had previously built a 6AQ5 oscillator/807 final CW rig on an upside down cigar box. I used the ceramic coil forms that came from ARC-5 Command transmitters and somewhere I had accumulated two miniature meters that fit the side of the cigar box. I ran the screen of the 807 too hot and they continued to get gassy and had to be replaced until I finally ran out of 807s.... but I had 1625s! I changed the filament transformer and cut 10" lengths of zip cord and stuck them through the socket holes and soldered them to the socket. I soldered the other ends to the proper pins on the 1625s.

I laid the 1625 horizontal on the top of the cigar box. One night, I simply had to find out: I picked up the 1625 gingerly by the phenolic base and waved it around in the air while transmitting CW on 40 meters.... Not much sense, but I sure had fun. God, I wish I had kept that cigar box transmitter now. It was the best damned TV eliminator in Starkville, Mississippi.

Within 3 months, my code speed was up to a solid 15 wpm and I went to Mobile, Alabama (the closest Radio Inspector) to successfully pass my General class license. The RI was a kindly old Choctaw Indian named Joe Lightfoot. I didn't drive back to Starkville: I floated!

When the General license arrived in the mail, I raced upstairs and called CQ on 15 meter phone using my Harvey Wells TBS-50 Bandmaster transmitter and listened for an answer on my National NC-57 receiver. I couldn't believe my ears but I heard Captain Kurt "Stay-put" Carlsen, W2ZXM/MM of Flying Enterprise II fame call me. I had read all about how he had ordered his crew to abandon ship but refused to leave his Flying Enterprise so that the salvagers couldn't lay claim to the foundering ship. He was almost to England and had heard my signal that was catapulted into the ether by a vertical dipole. I was ecstatic. I floated 15 feet off the ground for a week. The die was cast. How could I ever have been so stupid as to not get my license before?

To send your voice or code signal halfway around the earth; to work a ham in Mongolia that is working with a home-made CW or SSB transmitter and a 30-year old receiver; to work JY1, Alhussein Ibn Talal (King Hussein of Jordan); to talk to Curtis E. LeMay and Butch Griswold during their famous air trip around the world aboard a converted tanker so that they could test the effectiveness of SSB for the Air Force; to talk to UZ6AZW in Russia the day after the 3-day coupe attempt and to find out that he had communicated with the Russian Parliament via Ham radio during the coupe and had fed them information regarding the Red Army tanks: where they were, how many and how fast were they coming; to chat with Barry Goldwater, K7UGA, on backscatter from Tucson to Phoenix; to operate as VP7ND from Grand Bahama for 3 months; from Grand Turk as VP5RR for 11 months; from Thailand as HS3VV for 21 months; from England as G5AVW for 18 months! That was ham radio! It has been a thrill unlike any other I can imagine!

Building a 1 or 2 tube receiver, a one tube transmitter, to talk with someone else that has built a 1 or 2 tube receiver and one tube transmitter brings back the early period thrill of my ham radio experience..... and using the latest and greatest transceiver to work someone in a distant land offers a thrill of a different nature but a thrill nevertheless. I share my time back and forth between the Glowbug/Boatanchor mode and the "hard and fast DXer" mode now. Both are so enjoyable. While waiting for Bhutan or North Korea to come online, I listen for W7EKB, W7ZFB, W7QQQ, K5DOA, and others on 7050, 7120, or 3579 Kc. It is a wonderful life!

Ethereal signals, sometimes coming over the pole with that typical wavery or watery sound, sometimes just above ESP in the static crashes, sometimes booming in signal strength, sometimes coming from the opposite or long-path or sometimes skewed direction rather than the direction the great circle maps would indicate, but always bringing signals from far-away lands with the voice of people whom we will

may never see in our lifetime but with whom we may become fast friends.

Which is better? Glowbugging? Boatanchoring? Contesting? DXing? I can answer that: they are all wonderful and I love them all and participate in them all as often as I can. I switch from my FT-1000MP to my DX-60B/HG-10B or TBS-50D and NC-57 and back and forth. That has been and is ham radio for me! It has been and is a thrill unlike any other I can imagine for almost half a century!

Rod, N5HV w5hvv@aeneas.net

FLYING WITH AND WITHOUT WINGS

It was the summer of 1946, The war had taught me to fly and those stressful days were over. It was time to enjoy my new love — flying Now I could fly when and where I waited, in grateful peace.

I had purchased a brand new Cessna 140. I equipped the little silver plane with an Amateur Radio set so I could talk to my friends on the ground as I flew over the rich farmlands of the upper Midwest. I was on my way to a meeting in Iowa and chatting on the radio as I approached the Iowa border. On the circuit was Marv, a pleasant fellow I had talked to many times from my ground station. When I told him; I was flying down the highway to Mason City, he became excited and radioed, "You'll fly almost over my station, will you circle a few times? I'll tell you where it is." I told him I'd check with him on the return trip.

Airborne on the way home, the first voice I heard was Marv's. He told me that he lived on a farm a mile west of the highway on the Iowa border.

"You can't miss it," he radioed. "It's the first farmhouse on the north side of the road, at white house with red barns, surrounded by a grove of trees." He was right, it was easy to locate and a few minutes later I was circling time farmhouse. I saw an open field on the east side of the farmyard and I told Mary I'd fly low over the field and give him a good look at my new plane.

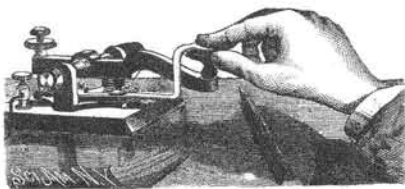
I lined up fat a low pass, remembering old military maneuvers called "flat hatting." I punched the throttle to full power and roared along at 50 feet, not more than 50 yards from Marv's 's station. I could see his antennas. As I pulled up in a steep climb at the end of the field, I radioed, How do you like my new plane, Marv?" There was a slight pause, and his voice came over the radio.

"I didn't see your plane, Sherm. I guess you didn't know, I'm blind. But the engine sounded beautiful.

No, I didn't know. I had talked to to him many times and I never knew. I leveled off on a heading for home, said 73 to Marv and switched the radio off I was lost in my thoughts, recalling many of the sights I had seen and could still see, things that my friend Marv would never see.

"But the engine sounded beautiful."

In Minneapolis, Minnesota. there's an organization called HANDI-Hams. It's part of the famed Courage Center, a world-renowned institution for the handicapped. HANDI-Hams is well organized and staffed by knowledgeable people who know Amateur Radio and the handicapped. HANDI-Hams provides training for Amateur Radio licenses, arranges for license testing and obtains equipment for those in need. Friendly nearby hams are contacted and antennas are erected Ham radio is a new life for the physically handicapped and the blind. The world is at their fingertips, on the dial of their radios. Contact HANDI-Hams, 3915 Golden Valley Rd., Minneapolis, MN 55422 - Sherman Booen. WØRHT, Minneapolis, Minnesota.



Is CW Archaic?

By Gil Gibbs, WA5YKK

After I had been licensed for three decades, from first license, I finally managed to squeeze into the highly-coveted Extra Class portion of the spectrum this past spring, an achievement I considered to be one of the highest honors I could have earned in this lifetime. To my dismay, alongside all my euphoria, was a contingent of malcontents, both foreign and domestic, who are doing their best to level the licensing structure to the lowest denominator and make our CW (old Morse) capabilities a thing of the past. Needless to say, I'm more than a bit chagrined about this turn of events - its a real slap in the face to those of us who have worked diligently to achieve a level of performance and degree of knowledge, only to watch some far less-qualified types do nothing but memorize questions and answers, then bring their -sometimes obscene- CB-style language and putrid operating habits with them to the ham bands.

Granted, we do have a problem with some long-time licensed types who openly flaunt the rules and regulations, but they get away with it only because we don't have enough people to police them regularly. Since all the Federal budget cutbacks, there has been an increase of garbage language, horrible personality conflicts, and abuse of all of us by a handful. Much of this can be handled if we generate enough paperwork to our governing officials, but it all detracts from the original idea of the whole of our Amateur Radio HOBBY!

Let me restate that concept - a hobby is something we do for pure pleasure, be it stringing beads or engaging in nuclear research, but with no thought of monetary gain. Thus, this very exotic form of communication, which came from the theories of some very brilliant men and women of this century, is being threatened with a cheapening of values that the people who kept the concept alive had instilled in it in the beginning.

I have read much of the philosophizing and different angles of thought concerning CW, but most of it reads as just so much whining and complaining from a group of people who simply cant grasp the idea that this HOBBY never demanded a thing from them! They had to WANT to be interested in radio communications, and be capable of comprehending the very exotic theorems thereof - no one forced them to do anything to be able to talk on the radio

Thus, my question to them is: What, pray tell, is your problem - are you angry at the world due to an inability to grasp a simple little language of dots and dashes, or are your minds so twisted with the idea of archaic old method of communication that you want to watch everyone go to the most sophisticated, computer-generated ways of getting a message across? What happens when all that advanced technology succumbs to Murphy's Law, the universal one that has blown many a fuse. Will you then be

able to set up a simple transmitter and receiver, and, with only limited technology available, be able to short together two wires to send out a simple, plaintive "CQ - help, de average ham, or just sit there and wonder how long it will be to replace your rig so you can complain more about those annoying little dots and dashes?

My next - door neighbor, W5QLT at the time, got me interested in this fine mess of wires, tubes, capacitors, and inductors back in '57, and I found myself digging into books that my parents couldn't comprehend. Fortunately for me, my Grandfather, Nash Setzer, was an old hand at sending and receiving both the old Morse, having been a railroad telegrapher, and taught the "

new Morse during both WWI and WWII to troops going through Fort Sill, Oklahoma. He was a patient old fellow, worked for hours on end with me, and kept the confusion down for a youngster of my age, so I was able to pass the 5 wpm requirement with no problem after a frustrating summer. He was quite delighted to see my first license, as was my Elmer, and I was on top of the world with my code abilities.

During High school, the ham radio activities had to take a backseat to studies, then the Air Force intervened for four frustrating years, since I couldn't get any attention for MARS activities at my tiny outfit in Oregon, but after I had hung up my GI soldering iron (I qualified for radio repair school, thanks mostly to my ham ticket), I came home to try the old HF airways again. I managed to get a tiny transistor CB from pocket change to help the local Fire Department in handling with that phase of community service, but after hearing some very vulgar language and horrible operating methods, I traded it for a Vibroplex key, and was once more on my way. It didn't take long for me to get the Novice back on track, then I squeezed out the Tech for quite some years before I nailed down 20 wpm, but since my engineering was deficient, I had to settle for first General Class, then Advanced. I remained there for too many years before deciding to take advantage of a revamp of the rules and methods of testing, and finally grabbed the Extra.

I'm still limping with CW, having had so little real experience with it, since SSB and 2 meter FM are so easy to hop into, but Ill be darned if Ill give it up - all my listening has taught me one thing, that a CW signal can be heard long after a sideband voce signal has faded. In my case, that factor might just be vital! You have to understand that I live on a barrier island off the Texas coast, and I managed to survive Hurricane Celia, which tore my home city to shreds in 1970. My tiny little CB in the old fire truck was the second signal off the island, then everyone who survived was very glad to see all the relief agencies show up, along with a group of very dedicated hams from Houston. Those fellows put in overtime above and well beyond the

call of duty, and I was honored to assist them with antennas, feedlines, etc., until they were no longer needed.

So, don't give me any whining garbage about CW being old, archaic, and no longer needed - a lot of those messages were on CW, when propagation was out, and the dots and dashes were all that could be heard. I'll continue on for those great guys with my own mobile rig, which I can still manage some crude, slow outmoded old Morse on.

73's for now, CU somewhere on CW,
Gil Gibbs, WA5YKK, a proud QCWA member.

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Headquarters has several dozen 50th Anniversary Cups that were prepared especially for the 50th celebration at Kansas City in October.

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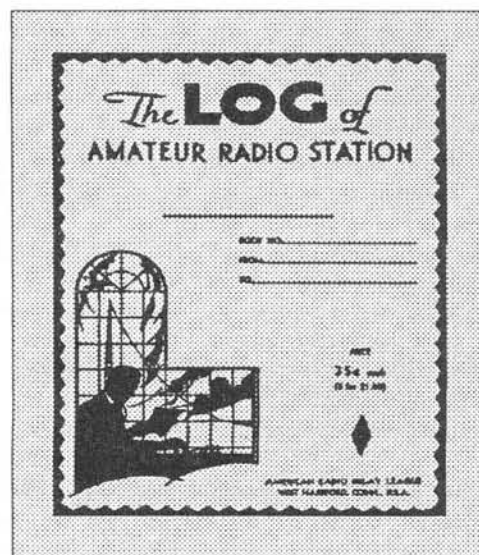
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The 'Zipper Net' or The 'Ole F--ts Net'

The hams on 14188

by Herb Asmussen, GØWAZ

The Zipper Net, or 'Ole Farts Net', as they like to call it, got its start not long after WWII was over. A group of DX'ers, many from the North Jersey DX Association, met regularly on or about 14188 at 1200Z. Mr. Asmussen profiles some of the people he has met on the informal net through the years.

The number of old friends meeting around 12:00 zulu on 14188 or 14168 or thereabouts is dwindling. Although I am a relative newcomer amongst the 'Order of the Grey Hairs' I thought it would be an idea to put pen to paper - or fingertips to the keyboard.

How did I come to know about these real Old-timers? - I was on vacation in the Bahamas and had taken my TS430 and some wires along, I believe it was in 1974.

After a CQ on 15m the following QSO evolved:

- DJOSB/C6A this is W2EMN/C6A, u r 59+
- W2EMN/C6A this is DJOSB/C6A, u r also 59+, the handle is Herb
- r, the handle is also Herb, where r u located? - ok Herb, I am on Abaco Island - I am also on Abaco Island
- I am in Treasure Cay
- I am also in Treasure Cay
- I am in one of the villas of the Hotel
- I am at Windward Beach etc

About 30 minutes later Herb Schorr, W2EMN turned up and we had our first eyeball. When he found out that I really was an OZ he asked: Do you now W2ZX? - Sure, Kurt is an old friend of mine! - Well, then you are also a friend of mine. Come up on 14188 at 12:00Z!

So that's how it started for me and because of the confusion W2EMN was Herb I and I was Herb II! Herb and his XYL had retired to Treasure Cay, their daughter being a nurse near Miami. Herb knew everybody, knew everything and could fix everything. The garage was full of useful and useless junk. If you needed something, Herb's got it. He spent some time with ITT but later had his own Company which amongst others made millions of miniature 'neon' lamps which were used instead of to-days LED's. His humor and his sarcasm were legendary. Unfortunately, he suffered from emphysema and after quite a battle he died in mid 1980's.

Now, who were the other characters? I have had the good fortune to meet all of them in person with but three exceptions. W2BXA, Ben: I worked Ben the first time

around 1948 in the days of AM and heterodynes on 20m.



We met in person in the late 70's when I happened to visit the Siemens Office in Iselin and I stayed at the HoJo in Woodbridge. Kurt, W2ZX - whom we shall deal with later - picked me up and we went to a ham meeting in the basement of a police station. Afterwards a group went to Ben's home. I remember, it was a few steps up and on the table in the lounge was a small sign 'NO SMOKING, PLEASE! I must have had a few 807's for that's all I remember, sorry Ben! In

the following years Ben, Dot and I met several times and we often ended up in Alwat Street with Kurt and Muzzi. Benjamin has consistently put out a very potent signal from Colonia and during my last visit 3 years ago I did notice the WAZ certificate on the wall with #1 on it! Even today Ben holds #1 position on the DXCC Honor Roll. You can be proud of defending that position, Ben!

W2CVM, Russel is next in the alphabetical order. Russel is an old schoolmate of K4JRI (ex W2DEW) Jack and Don, W4RRK. He lives in Punta Gorda and I think he lately changed his call to K4VG, Very Good. Russel's voice was always cheerful, but lately he has not enjoyed the best of health and he has not been on the air for some time. Russel visited me once in Boca Raton together with Jack, K4JRI.

W2EJB, George, SK. George Schultz was his real name, but later modified it to Shultz. His father had a soap factory making stinking green soap. One day he said to his father: Dad, I think we should glorify soap! Dad didn't think so, but George went ahead and made 'Old Spice'! His secretary designed the Clipper which still is one the Old Spice brand products, although George sold out, I believe to American Cyanide, for a handsome bundle. He was also a keen pilot. He had a multi-by-pass in the late eighties and died several years later.

W2EMN, Herb, SK, has already been chronicled above. He once presented me with a miniature key inscribed 'for small QSO's'! W2KW also has one.

W2FZY, Fuzzie, SK, or rather, Ed Chinnock. Fuzz was also an old dyed in the wool DX'er. I believe he was one of the eggheads at Bell Labs in the field of optical fibres. He used to go on annual DXpeditions to the Caribbean with several ham friends. I never quite figured out whether it was a real DX effort or a beer-drinking competition. Ed also won fame for his persistency in the League's battle with Don Miller, W9WNV and Ed had a complete archive

of this chapter. Fuzzie suffered poor health in the recent years and he finally became a SK earlier this year.

W2KW, Clarence, of either Radio Hill North or Radio Hill South, from St. Thomas, V.I. Clarence is a devious fellow:

He sits and listens to all the jabber, jabber and in the end he throws in his bits of wisdom when most of the other customers have departed. I have met Clarence several times. He has a daughter living in Boca Raton and we often had a beer together, when he was visiting to or from Radio Hill South. However, Clarence lives way out in the boon docks of upstate NY on, I don't know how many acres of land. During my visit to NY/NJ in 1995 Robert, K2KER kindly drove me up to W2KW. A tiny, almost hidden, sign at the roadside says, QCWA Museum. Not so hidden are the three (3) 200 ft (two hundred foot) towers with Clarence's own design of dipole walls a la Sterba Curtain with very intricate open wire feeders to the switch at the wall of the shack.

The shack is indeed already part of the museum. The newfangled Japanese equipment almost disappears amongst the very large former Collins AM rig with equally large Class B modulator. The walls as well as the adjoining room is filled with rare collectors items from the small key for 'small QSO's' to 3ft long HV key from bygone days in Alaska.

The actual Museum is located in a separate building and it houses so many antique radio items which all have a story to them. Clarence's helper, Naomi looks after the place and with eagle eyes makes sure that every visitor signs the guest book. Clarence, you ought to record all your stories and anecdotes of all the stuff for posterity.

W2ZXM, Kurt, SK. Capt. Kurt Carlsen was one of the really 'Great Danes'! My time goes back to the late forties, when Kurt plowed the seas as Capt. of the 'Flying Enterprise' an old wartime Liberty-Class ship. He was known all over the world as W2ZXM/MM and on the air; at all times keeping touch with home base via W2BXA or Wolf, DL1SD. In a fierce hurricane force storm in the English Channel the cargo shifted, the ship got a list and when the engine room was flooded the crew abandoned ship, save for Kurt and his chief mate. Kurt had his last QSO with a battery driven rig from the poop with DL1SD! Eventually the Chief and Kurt walked up the now almost horizontal funnel and jumped into the roaring sea. W2ZXM received the Golden Key of the City of Fallmouth and a tickertape parade on his return to New York. Many years later Muzzi proudly showed me the Stars and Stripes, which had flown in his honor at the White House!

My first eyeball with Kurt was in Hongkong in 1961 when he visited with his Flying Enterprise II. He was also a close friend of VS6CL, Jack and Lyell, VS6BE. I shared the flat and call with VS6BE as second operator and one time Kurt brought me my first SSB transmitter, I think it was a Central Electronics SB20, anyway the one with the 'magic eye' for phasing out the carrier. Many years later I learned that the former owner was W2BXA! I sold it to VS6CL together with my Collins 75A3, when I purchased a KWM2. Lyell and I were having a few beers with Kurt in his cabin and he showed us the ship's operating manual, which he had named: A Thousand and One Ways to run a

Steamship. The ship agent came aboard to warn Kurt that a typhoon was approaching and he would have to either moor at a typhoon buoy in the harbor or leave the harbor. Kurt chose to leave and we kept in touch on 20m until the typhoon hit Hongkong with a broadside. We lived on the top of the Peak and the dipole on the bamboo pole went over the cliff, the apartment was flooded and the radio gear was moved to safety in the hallway. The damage in VS6 was enormous. ALL ships that had stayed in the harbor were washed up on shore, on the rocks and several had landed on the Kai Tak runway. — No sign of W2ZXM/MM on day 2 or day 3, however on day 4 Kurt showed up. He had drifted in the South China Sea and come pretty close to China Mainland. All the ships radio antenna were gone, the radar and other navigational equipment gone. The fresh paint put on in Hongkong had washed off. Kurt was short of a mutiny on board. He asked us to get copies of the newspapers, photos and reports from the Royal Observatory as he had been told that he would have to face a Marine Court when back in the States. With the . . . material we sent him, he was cleared but the Union lawyers had a real go at him. Kurt retired at Alwat Street and we had many nice QSO's. Unfortunately, he was suffering from Parkinson's and Kurt became a SK in the late 80's. A character and a Great Dane, indeed.

K2KER, Bob or Robert; one of the few remaining 'steadies' on the Zipper Net. What Bob does not know about heavy duty, really heavy-duty semiconductors, is not worth knowing. He puts out a steady signal from Middletown/NJ and as a routine he dishes out 'the numbers' to the gang. Robert visited me in Stratford before I became a 'farmer' and I had the pleasure to visit him and Stella during my New England visit in 1995 after Dayton.

K2MUB, Mario or Mub as he is better known. A seldom customer from NYC; besides W2EJB and KK4CR, he is the only one I've never met - - so far. . I tried many times to arrange an eyeball during my frequent trips to NYC, but Mub was never available. Often he is upstate NY and when not on the air, chasing DX. He is hunting game with the result that the first ones normally end up as a QSL, the latter ones on the dining table!

W4ITD, Steve. I call him the 'Mover'. When I came to Boca Raton in 1984 Steve and Ruth just moved from one place in Lighthouse Point to another. He went through all the trouble and strife getting a permit for a very . substantial tower with substantial aerials which put out a tremendous signal from Florida. Now he has moved again. Who, being in his retirement, being of sane mind and having a dream station would go through the agony of moving house, tower and the whole jazz? Anyway, when not on the road to/from Augusta, Steve is on the move. By the way, he is also known for the 'Upside - Down - 160m Antenna'!

W4PZV, Hank or aka Henry Luhrman; a not quite so 'steady' on the net any longer, but a steady at the 'GOLDCOASTER' ham meetings in the Boca Raton area. Also with a very potent signal, Hank often frequents 80 meters and if anybody has a power-line noise problem, Hank has the answer!

W4RRK, Donald from Greensboro/NC. Sorry, he is also one of 'no eyeballs'. Don recently moved to an area where they are allergic to aerials so his signal is not so strong at

times and he is also mostly out of skip with the US guys.

K4JRI, Jack, SK. Jackson was one the steady and faithful 'keepers' of the Zipper Net. Not an overwhelming setup, a rather modest antenna at modest height but Jack had good ears! He could identify signals which others were not aware of. He was W2DEW up North before retiring in Boca Raton, where he was my nearest neighbor for close to 6 years. He was an engineer by profession, worked on prop pitch motors at Lockheed and finally he built the factories that produced the 'glorified soap' for George, W2EJB. Jack was also a QSL manager at the North Jersey Assoc. Assn. Jack was not a man of many words on the air but he had many interesting stories to tell during an eyeball! Jack also suffered from Parkinson's but he kept K4JRI on the air 'til the last.

K4RD, Ernie at Pompano Beach, super DX'er, he proudly displays the #1 plaque on the wall. Ernie has a very fine setup with motor driven up/down on the tower, so he and Barbara can sleep better when the winds come up, or when they are on their long trips away from home, and we can hear K4RD/M. There must be a groove between Pompano Indiana! Besides chasing DX and surfing on 'the other' net he is trying to find out how many miles you have to put on a Lexus before it packs in!

KK4CR, Ron, SK. I have not known Ron for long, so I cannot come up with any relevant gossip. He was there with his pleasant voice and good humor but sadly passed away very recently.

So, now we come to the 'foreigners':

PJ8AD a.k.a. KV4AD a.k.a. Bert or Bertram for full, SK. Bert moved to St. Thomas many years ago. His father had a bus manufacturing company, 'FAGEOL'. In his younger years Bert went to Sao Paulo for some time, when the City had ordered their buses. Bert often practiced his 'Portuguese' with the PY's and CT's. I do not know why I never visited Bert in St. Thomas. When I was living in Boca Raton, Eastern Airlines was still flying and I had oodles of FF-miles! In the end, Bert and Suzie were hit by the almighty HUGO and with part of the roof gone, Bert held on to the kitchen door. Nevertheless, Bert was soon on the air again with his own power, albeit he had to carry the containers with petrol up the hill by himself! And Bert was no spring chicken!

Once, when I was still living in Boca we heard a Mayday on 14188 and W4PZV alerted the Miami Coastguard. A young Frenchman, on his way to his girlfriend in NY, had lost his mast, all radio and navgear except for a ham rig. We finally managed to get his position that he had taken with a sextant and the coast guard went out. Only Bert was in a skip zone to copy all parties including the agitated Frenchman; he was safely picked up, got all our callsigns, and never even said 'Merci'.

After the hurricane Bert and Suzie and RC (stands for rotten cat) moved to Saba and thus he became PJ8AD and in reality a true beacon both on 14188 and 18135, where he often warmed up before going to 188. I had the great fortune to visit Bert and Suzie for a day in 1993 sandwiched in between 3 days in St. Martin and 10 days in St. Barthelemy as FJ/OZ7SM. Bert met us at the airport, which is a tiny strip hewn out of the side of the volcano. The planes are VSTOL, which stands for Very Short Take Off and Landing. They fly straight on towards the

volcano, at last minute drop left wing, nose down, power out, forcing the wheels onto the runway and full on the brakes. When you step out of the plane, most with very wobbly knees, there are 40-50 yards of runway left! Bert was waiting and we got a nerve-soothing beverage at their house which is spectacularly situated high up on the volcano with breathtaking view, amongst others of the tiny strip they call the airport! Bert showed us around and I have to mention his shack, which is really a shack as you know them from Giles' sketches in OST of Jeeves & Co.! Next to the Shack is the power station, fully automatic start-up on power failure and shut down when power is restored. Bert was one of the really friendly hams, always ready to give the 'deserving' their needed country or IOTA. His wisdom and knowledge was legion. The solid pillar of 14188 all of a sudden was no more!

DL1SD, Wolf or at times DL1SD/A when he resides on the long island of Sylt in the North Sea. I have known Wolfgang for close to 50 years (in the old AM days). We visited each other - either in Denmark, on his trips on a BMW bike to visit OZ5KP (another friend of W2ZXM), or in Hamburg, where he had his antenna attached to spire of a church or in Hongkong or Boca Raton. Wolf is also one of the 'steadies' with good signals from both his locations. Kurt always checked in with Wolf whenever he was in a North German port. Wolf became a 'member' through his close friendship with Kurt, W2ZXM, Ben, W2BXA and the undersigned.

SMOEBP, Boerge, or sometimes Bob for the uninitiated. Often also SM5EBP from his charming summer cottage in Sala at a lake and also with a real shack a la Jeeve's boss! But his is nicely painted red! Boerge is also an exiled Dane, like Kurt and myself. A.k.a. OZ8BR he and I come from the same region in South Jutland and therefore speak the same secret language, which we often practice during ragchews on any of the bands. Being almost same age we studied together and have kept close contact ever since. Boerge worked all his business life for one and the same company, travelling all over the world until he settled down as MD for the outfit in Sweden. Boerge and I are like two brothers and therefore, it was only natural and logical for him to join the illustrious circle of the 'old goats' as we disrespectfully call you lot!

Well, that leaves me: GOWAZ a.k.a. OZ7SM, VS6AD during the sixties, DJOSB until recently, W4/OZ7SM, G/OZ7SM until finally settling for GOWAZ on Park Farm near Stratford upon Avon in Shakespeare's County. Through all the above stories you have learnt most of my doings or undoing. After the studies, I took a job with a Danish Company in Shanghai/China (1956-1960) in the bad old days. Then I went to Hongkong, but had no license since I had no British passport. I operated as guest op at VS6CL (where I advanced to chief op when Jack had had too many 807's!) and for almost two years, I shared a flat and call with Lyell, VS6BE, now VK2BE. When I became secretary of HARTS, the radio club, I discovered that there was a Club Call, VS6AJ, which I activated at the Hon Sec's QTH Voila. When reciprocity came, partly thanks to Barry Goldwater, K7UGA, I got the call VS6AD until my move to Germany in 1971. From there I was posted to Boca Raton and aired W4/OZ7SM when I was not on an airplane. My final posting was then to England in 1990 as G/OZ7SM and now GOWAZ. This is going to be my final final.



Editor's Corner

At last, that Global Warming thing called summer is nearly gone and we can look forward to some milder weather. It appears that it has been hot all over the country and even my inbox has been hot. Either it was a stroke of good fortune or many of you responded to my appeal for articles. At last I have a few in reserve but that will not even fill the next issue. So keep 'em comin'.

It never ceases to amaze me at the interesting stories that reside in the minds of QCWA members. This month we find out about a ham that lived two lives, one as an ordinary everyday citizen (and ham) and another as an undercover agent for the French resistance during WWII. Then Gil Gibbs who is not a supreme master of CW ponders the question, "Is CW Archiac?" His conclusion may surprise you. All these stories and more in this issue of the Journal. These interesting stories are no match for the run-of-the-mill ham stories one reads every day: "A ham radio operator rescues lady in stranded vehicle on dark back road using a 5 watt HT". Unlock those stories and share them with everybody. They are a national treasure.

A matter of great concern to a growing number of people and organizations is the Y2K (year 2000) matter. I don't want to bulldoze my personal articles in to the Journal just because I'm the Editor but the Y2K is a matter for serious consideration, especially for QCWA members who are mostly senior citizens. Despite the tendency of most non-computer users to think that some whiz-bang computer programmer will devise a quick fix, it is nearly impossible when one knows and understands the details of the problem. The simplicity of the cause of the problem is in inverse proportion to the difficulty in solving the problem Bill Gates, the CEO of Microsoft, has stated that there is no simple solution to the Y2K problem. It may indeed turn out that ham radio operators will play an important role in emergency communications in the year 2000. So don't pack that key away for awhile.

Don't forget to make your reservations for the 1998 National Convention to be held in the beautiful Palm Desert, California October 9 - 11. The Palm Springs Chapter 154 has an exciting line up of events planned for you. Read the details of the convention on the two-page spread elsewhere in this Journal. It promises to be a convention you'll not forget.



Frankly Earl, that's not the key to
heaven I had in mind.



**See ya at the
convention in
Palm Desert**

QCWA Welcomes New Members

DATE	MEMNUM	NAME	CALL	CITY	STATE	SPONSOR	SCALL
04/20/98	29396	WILSON, JAMES M	KD5DDU	HOUSTON	TX	-	USE QC
04/20/98	29397	MC CARTHY, JEREMIAH J	WA2DKG	HICKSVILLE	NY	BAKER	W2KTF
04/20/98	29398	STOTT, JOHN C JR	KB5TKH	AUSTIN	TX	-	-
04/21/98	29399	KNAUSS, JAMES HARVEY	K5OZO	HOUSTON	TX	-	-
04/22/98	29400	ARNOLD, JERRY D	K9AF	TERRE HAUTE	IN	PAUL L SCHMIDT	K9PS
04/23/98	29401	FELDMAN, ARNOLD L	K3TEL	BALTIMORE	MD	-	-
04/24/98	29402	CROSBY, EDWARD J	WB0VUQ	TOLEDO	IA	-	-
04/27/98	29403	BLAKE, JACK L	KE4OAL	CALLAWAY	VA	LELAND W SMITH JR	W4YE
04/28/98	29404	LISNAK, GARY J	WB2KFD	CONGERS	NY	BOB LISNAK	AC2G
04/29/98	29405	GOOGINS, RICHARD J	N1RG	LACOMBE	LA	-	-
05/01/98	29406	MURPHY, WILLIAM T	W9RSJ	EASTON	PA	FRANK LAURI	KD2IX
05/01/98	29407	SWINFORD, ORR K	WB5IZC	EL PASO	TX	M R GONZALEZ	W2BFI
05/01/98	29408	WEINGARTEN, WARREN O	W9VKG	HOUGHTON	MI	GENE NAILON	K5DLE
05/04/98	29409	HALL, WILLIAM M	AF4GY	YORKTOWN	VA	-	-
05/04/98	29410	PIERCE, STEPHEN H	W5BIV	NORMAN	OK	GENE NAILON	K5DLE
05/04/98	29411	EACHO, WILLIAM H	K4ASI	GLOUCESTER	VA	JIM WISE	W4PRO
05/04/98	29412	WRIGHT, JAMES A	WA0FNF	LOWRY CITY	MO	-	-
05/05/98	29413	JACOBS, ROBERT W	WA9NNT	SUMMERFIELD	FL	C W WILSON	KB3NR
05/06/98	29414	GARDINER, WALTER H	K0CLJ	DENVER	CO	-	-
05/07/98	29415	NOCIFORA, JOSEPH C	KE9UL	CHARDON	OH	ROCKY ZIMMERMAN	W8UYN
05/07/98	29416	KENT, CHRISTOPHER	KG2NP	RAMSEY	NJ	-	-
05/07/98	29417	PSARAS, GUS P	WA2KQR	OSSINING	NY	-	-
05/07/98	29418	SOUGHAN, LARRY E	WB3ELM	PHOENIX	AZ	-	-
05/08/98	29419	NANCE, DAVID MICHAEL	WB4SSE	ROANOKE	VA	LELAND W SMITH JR	W4YE
05/08/98	29420	SKINNER, DAVID	W5IMF	GRNWELL SPRINGS	LA	BILL GOFORTH	W5URR
05/08/98	29421	SUYDAM, WILLIAM O JR	WB5CKY	BATON ROUGE	LA	WAYNE GORDON	K5EOA
05/11/98	29422	LUDWICK, AL	N4ZZK	GRAYSON	GA	-	-
05/11/98	29423	BIRCH, JOHN K	W3JB	SILVER SPRING	MD	STANLEY F BRIGHAM	W3TFA
05/11/98	29424	GILL, ROBERT C	WA4ENU	ST PETERSBURG	FL	-	-
05/11/98	29425	PARKER, BILLY G	W0RDJ	GLADSTONE	MO	CLARENCE ANNETT	WA5SWN
05/12/98	29426	DE PLAZA, KATHY	WA3VEO	WEST GROVE	PA	HARRY DAVIS JR	K3WAC
05/13/98	29427	PRACKER, JAMES R	K8QOT	NOVELTY	OH	RAYMOND E WASSUM	W8SLZ
05/14/98	29428	HODGES, HARRY A	WA6Y00	ESCONDIDO	CA	PAT BUNSOLD	WA6MHZ
05/15/98	29429	HARRISON, DOUGLAS W	WB5BLE	BATON ROUGE	LA	KEITH R MACK	AC5IA
05/15/98	29430	MELLEMA, BILL	N3WM	FINKSBURG	MD	-	-
05/17/98	29431	PARKER, SCOTT E	K7LU	FAIRFAX	VA	-	-
05/18/98	29432	FERRIS, DON	AA8DM	HAZEL PK	MD	DAYTON	-
05/18/98	29433	NAUMANN, ROBERT E	N5NJ	PLANO	TX	DAYTON	-
05/18/98	29434	WHITNEY, DONALD R	K9DRW	BARRING	IL	DAYTON	-
05/19/98	29435	AST, WILLIAM H	KG0IK	HEATHROW	FL	DAYTON	-
05/19/98	29436	BECKER, TYSSSEN W	W8ZM	PITTSBURGH	PA	DAYTON	-
05/19/98	29437	COLLESIDIS, NEIL J	AA1SB	EXETER	NH	DAYTON	-
05/19/98	29438	FREY, JAMES C	W8ISZ	KETTERING	OH	DAYTON	-
05/19/98	29439	FRIEND, JACK B	AK7O	SALT LAKE CITY	UT	DAYTON	-
05/19/98	29440	LAXTON, ROBERT P	W7ALR	PRESCOTT VALLEY	AZ	BILL JACKSON	W6HDP
05/19/98	29441	LUCAS, MERTON T	W2SGP	SANITARIA SPRINGS	NY	MERLE RIGBY	K2AOV
05/19/98	29442	GILLIGAN, RICK	N6NL	SAN LUIS OBISPO	CA	DAYTON	-
05/19/98	29443	GOFORTH, E JACK	K4IBP	KNOXVILLE	TN	DAYTON	-
05/19/98	29444	HATT, RANDY L	AA8R	LANSING	MI	DAYTON	-
05/19/98	29445	HECK, NORMAN	W3NN	BETHESDA	MD	DAYTON	-
05/19/98	29446	KLOONGIAN, MARK	W7MK	WALTHAM	MA	DAYTON	-
05/20/98	29447	GARRETT, CARLOS J	WA1SVS	MORGANVILLE	NJ	JOE DREIFUSS	W2KQ
05/20/98	29448	MANNING, BRUCE A	NJ3K	PORT ALLEGANY	PA	DAYTON	-
05/20/98	29449	MARQUARDT, DON	K9SOA	BROOKS	KY	DAYTON	-
05/20/98	29450	MURRAY, LARRY T	W8LQD	PROCTORVILLE	OH	DAYTON	-
05/20/98	29451	NORMAN, TOM	AH8AH	CINCINNATI	OH	DAYTON	-
05/20/98	29452	PICHA, EDWARD	N9EP	CARPENTERVILLE	IL	DAYTON	-
05/20/98	29453	SHOUSE, JERRY L	N4EQT	LAWRENCEVILLE	KY	DAYTON	-
05/20/98	29454	SURMICK, MICHAEL V	K2QW	PARAMUS	NJ	DAYTON	-
05/20/98	29455	TOTH, DAVID B	VE3GYQ	LIMA	OH	DAYTON	-
05/20/98	29456	WADES, JAMES	WB8SIW	YPSILANTI	MI	DAYTON	-
05/20/98	29457	WHEELER, GARY R	K9ERE	TERRE HAUTE	IN	DAYTON	-
05/20/98	29458	WILSON, DAVID R	WB4LHO	SMYRNA	TN	DAYTON	-
05/20/98	29459	ZEGERS, JOE C	KN6O	SUNNYVALE	CA	DAYTON	-
05/20/98	29460	ZEUG, MICHAEL R	W4MS	CANTON	GA	DAYTON	-

New Members

05/20/98 29461	ZUROMSKI, EDMOND	W1HI	FOSTER	RI	DAYTON	
05/21/98 29462	POST, KENNETH E	WA8SAK	BENT MOUNTAIN	VA	LELAND W SMITH JR	W4YE
05/21/98 29463	STULTZ, RONALD STEVEN	WA4BXO	FAIRFAX	VA	-	-
05/21/98 29464	PRICE-O'BRIEN, JOSEPH T	WA4DOX	PILOT	VA	DAYTON	
05/22/98 29465	MARKOVIC, NICKOLAS S	WA8LOB	MAYFIELD HEIGHTS	OH	ROCKY ZIMMERMAN	W8UYN
05/22/98 29466	MC CRACKIN, MICHAEL	KF6QHO	TUSTIN	CA	-	-
05/26/98 29467	DOOLEY, JOHN W	KC5AAP	LEANDER	TX	HAL HENEGAR	W5MDL
05/26/98 29468	JOHNSON, ROBERT E	WA1OFR	W BRIDGEWATER	MA	BRUCE C BEAMAN	K1HTN
05/26/98 29469	VOTH, BERT	W0UTS	KANSAS CITY	KS	CLARENCE ANNETT	WA5SWN
05/27/98 29470	HENRY, DAVID P	KB9SMO	GLEN ELLYN	IL	-	-
05/27/98 29471	HIRSCH, R S	N8CWH	COLUMBUS	OH	DAYTON	
05/28/98 29472	CASTANEDA, ROBERT A	KC7QR	EVERETT	WA	HARRY LEWIS	W7JWJ
06/01/98 29473	LISKE, AL	KA7Z	PORTLAND	OR	SEASIDE	
06/01/98 29474	WEEK, KENNETH R JR	AA7RV	BEAVERTON	OR	SEASIDE	
06/01/98 29475	HAYS, JOHN D	K7VE	SNOHOMISH	WA	SEASIDE	
06/01/98 29476	HERRON, MICHAEL G	K7MH	SEATTLE	WA	SEASIDE	
06/01/98 29477	HUNT, JOHN KEVIN	WA7VTD	OREGON CITY	OR	SEASIDE	
06/01/98 29478	LA HAIE, GREGORY	K7YDL	HILLSBORO	OR	SEASIDE	
06/01/98 29479	RYAN, GORDON	W7FEO	WENATCHEE	WA	SEASIDE	
06/01/98 29480	CATALANO, DENIS	W4DC	WOODBIDGE	VA	JOHN EDEL	K8LBZ
06/01/98 29481	ROSE, JACK	KB0YYG	DURANGO	CO	-	-
06/01/98 29482	SEWELL, ALAN C	N5NA	GRETNA	LA	-	-
06/02/98 29483	ANGELL, KENT	W7VZ	CLEARFIELD	UT	DAYTON	
06/02/98 29484	SPENCER, IMOGENE	WB5JFS	CHARLESTON	AZ	-	-
06/04/98 29485	TOBUREN, MARSHALL R	AA0FO	KANSAS CITY	KS	CLARENCE ANNETT	WA5SWN
06/05/98 29486	KELLING, KENNETH M	W0ULV	ANKENY	IA	LARRY WACHA	K0EDO
06/08/98 29487	WHITE, CALVIN W	K5VLN	MIDLAND	TX	JOHN WEBB	K05D
06/08/98 29488	CREEL, JOSEPH DAVID JR	WB4AWM	VALLEY HEAD	AL	-	-
06/08/98 29489	FLEETER, GERALD M	WB8ELS	RICHMOND HEIGHTS	OH	ROCKY ZIMMERMAN	W8UYN
06/08/98 29490	NISHIDA, MICHAEL KEICHI	KH6HR	AIEA	HI	JOHN PETERS	K1ER
06/09/98 29491	JONES, DALE A	W9NSS	BELLEVUE	NE	DAYTON	
06/15/98 29492	BRAISTED, WILLIAM F	K1HLG	BANGOR	ME	-	-
06/15/98 29493	DRUSKOFF, MARVIN	K6VIV	VALLEY VILLAGE	CA	FRIED HEYN	WA6WZO
06/15/98 29494	LADJEVARDI, KHALIL	K6FCC	LOS ANGELES	CA	-	-
06/15/98 29495	MONTGOMERY, JAMES R	WB0GIF	OLATHE	KS	VIC B DEVLIN	W8KPO
06/15/98 29496	ALBERT, CHARLES WILLIAM	K4AWC	SMYRNA	GA	-	-
06/17/98 29497	DEAN, GREGORY A	N9NWO	W LAFAYETTE	IN	DAYTON	
06/18/98 29498	KING, JOHN LEE	K4YQE	WINTER HAVEN	FL	-	-
06/18/98 29499	PIERCE, KENNETH C JR	NU3A	NEWARK	DE	-	-
06/18/98 29500	YOUNGBLOOD, GERALD	AC5OG	AUSTIN	TX	HAL HENEGAR	W5MDL
06/18/98 29501	O'LEARY, MONT	K0YCN	DALLAS	TX	-	-
06/23/98 29502	LANCASTER, HOWARD	VE3DAL	STONEY CREEK	ON	HAROLD J BRAUN	VE3DWH
06/23/98 29503	SIEMION, CHESTER C	KS4GG	MECHANICSVILLE	VA	-	-
06/24/98 29504	NIEMIEC, EUGENE W	K2KJI	CEDAR GROVE	NJ	H J DANNALS	W2HD
06/24/98 29505	NIEMIEC, MARY ANN HELEN	K2RVH	CEDAR GROVE	NJ	H J DANNALS	W2HD
06/24/98 29506	ANDERSON, GARY C	W2UCZ	LYNNVILLE	TN	HAROLD A MELLEN	K2UCO
06/24/98 29507	CLARK, HOWARD	K2AN	WYOMING	NY	HAROLD A MELLEN	K2UCO
06/24/98 29508	FEDORKO, JOSEPH	WA3UWT	BRADFORD	PA	H J DANNALS	W2HD
06/24/98 29509	GUTENTAG, RANDY	WA2RMZ	PISCATAWAY	NJ	H J DANNALS	W2HD
06/24/98 29510	PAZZOLA, ANTHONY J	WB2BEJ	LOUDONVILLE	NY	H J DANNALS	W2HD
06/24/98 29511	TAYLOR, ROBERT K	W8JZC	LIVONIA	NY	JIM MOZLEY	W2BCH
06/26/98 29512	CUNNINGHAM, CAROL ANN	N5OSR	DALLAS	TX	LUTHER S PULLY	W5JIZ
06/26/98 29513	FETZER, LEWIS A	WA5OQD	PLANO	TX	JACK M DYE	W5LUE
06/26/98 29514	SMITH, DONALD EDWARD	W5EXP	DALLAS	TX	KEN NORVELL	W5KN
06/26/98 29515	REAVES, DONALD E	WA58BS	N LITTLE ROCK	AR	-	-
06/29/98 29516	NELSON, PATRICK J	WB9WQY	GILBERT	AZ	ROBERT I NELSON	W9EXG
06/29/98 29517	OSMAN, ANTHONY J	VE3RZ	OAKVILLE	ON	-	-
07/02/98 29518	BUCK, JAMES G	K2QOE	COLUMBUS	NJ	DON FIELD	W2UAE
07/02/98 29519	SCHAEFER, STERLING E	W3CVC	WESTMINSTER	MD	RUSSELL N KULP SR	W3VL
07/02/98 29520	SCHNEELOCH, PAUL M	W2LCL	CLEMMONS	NC	HENRY ELWELL	W4UH
07/06/98 29521	ZWACK, CECILIA H	WA2NFY	ROCHESTER	NY	HAROLD A MELLEN	K2UCO
07/07/98 29522	BOSTROM, DON	N6IC	SHERMAN OAKS	CA	VI BARRETT	W6CBA
07/07/98 29523	GIPSON, LELAND F	K6IVD	FORT JONES	CA	IRMA WEBER	K6KCI
07/07/98 29524	GIPSON, VADA M	W6CEE	FORT JONES	CA	IRMA WEBER	K6KCI
07/09/98 29525	BARNWELL, THOMAS O JR	W4TOM	ATHENS	GA	-	-
07/10/98 29526	SHANE, STEPHEN J	WA6NRQ	HEMET	CA	FRIED HEYN	WA6WZO
07/13/98 29527	HOPPER, KENNETH D	KD7KH	PHOENIX	AZ	GERRY HIGGINS	W7ES
07/13/98 29528	PODRASKY, TONY J	W6ESE	VALLEY CENTER	CA	-	-
07/17/98 29529	ALLEN, A EUGENE	WD4FFQ	SUMTER	SC	WILLIAM H BATTEY	N4BGX
07/17/98 29530	MUSSO, FRANK N	WA5QHV	FRANKLIN	LA	-	-

New Members

07/20/98 29531	HILL, J WARD JR	WA6FUH	ROSEVILLE	CA	-	-
07/20/98 29532	SMITH, ROBERT R	KK3P	PLYMPTON	MA	GENE NAILON	K5DLE
07/20/98 29533	EISELE, DENNIS	WA9MTP	VISTA	CA	-	-
07/21/98 29534	PASSANEAU, JOHN	WB8EIY	STATE COLLEGE	PA	KEITH ADAMS	WA3RBK
07/22/98 29535	VAN HOOMISSEN, RICHARD	W7NVP	CANBY	OR	-	-
07/23/98 29536	BAILIE, DUANE LAVERN	KC7KPO	WASHOUGAL	WA	-	-
07/23/98 29537	RIGO, JOHN O	W3KJM	STATE COLLEGE	PA	KEITH ADAMS	WA3RBK
07/27/98 29538	REID, DAVID WALTER	W6KL	BURBANK	CA	-	-
07/30/98 29539	HUSSEY, WILLIAM H	KD4NZK	ASHEVILLE	NC	H C KNIEF	W2YTO
07/30/98 29540	MATTOON, GORDON D	WB9UBF	FORT WAYNE	IN	-	-
07/30/98 29541	NEYER, LEO	KOLOT	EDMOND	OK	GENE NAILON	K5DLE
07/31/98 29542	TIMM, JOHN W	NOAO	SAN BERNARDINO	CA	-	-

Computer Proofreading



Sometimes computers aren't as smart as they are cracked up to be. When subjecting typewritten text to scanned optical character recognition (OCR) applications, the computer's attempt to interpret poor

copy and then attempt to proofread it yields humorous results.

The Editor had just OCR'd a chapter report and after all the gyrations were complete, was presented with the "computer certified" copy to make a final check. The report heading read as follows: **DOG CRAPPER.**

I couldn't imagine what kind of text could yield that result until I looked at the original. It was a faxed document (certainly not the best copy) from the Dogwood Chapter. I hope the Dogwood Chapter appreciates the fact that despite tremendous advances in technology, there is still human intervention. You may have been called by many names but I doubt that was one of them.



QCWA QSO PARTY PART II

September 19, 1998

This is just a reminder to QSO party participants that Part II of this year's QSO party will take place on Saturday September 19th at 1800 Hrs UTC for a period of 24 hours.

The QSO Party Rules, together with Sample Log Form, are shown in the Winter 1997 QCWA Journal. If you do not have a copy of this Journal, please request a QSO Party package from our General Manager, Jim Walsh, W7LVN. This will consist of the Party Rules, a sample Log Form, and the Multiplier CheckList.

This is our first two-tiered party to be split in time by six months, and is in accordance with the wishes of 93% of those who participated in the Spring 1997 QSO party survey. The Spring Party seemed to be quite active this year, and for the first time in many years, the Activities Chairman did not receive any correspondence as to how to improve the party. We can only assume from this that not many comments are forthcoming!

We would, however, encourage submission of your suggestions for improvement for the 1999 parties, and you can be assured they will be taken into consideration.

Your officials DID hear favorable on air comments about the band expansions in that heretofore it seems many participants had trouble finding a "clear" spot on the band to park during the parties.

We would like to remind you to look for W2MM during this 24-hour party. They had a significant presence in the March party, and will be on again with their big signal, courtesy of this year's Convention Chairman, Don Doughty, W6EEN. Contact with W2MM gives you a multiplier of 3 points on each of the 15 Bands unless you are located within 50 miles of the Palm Desert Convention HQ. Look elsewhere in this issue for information on the Convention - hosted by Chapter 154. While you are at the Convention, the Activities Chairman would like to get some feed back on the new QSO structure, and on your personal experiences during this year's parties. We are anxious to improve the QSO party structure by continuing, as in 1998, to incorporate suggestions by you - the participants.

Croft Taylor, VE3CT
Activities Chairman

Still time to make reservations
1998 National Convention
October 9-11, 1998
Palm Desert, California

Chapters on the Air

NO.	NAME	DAY	TIME	NC	FREQ				
	SO CALIF CW	SUN	1100L	W6WHM	3695	81	LONG ISLAND CH.	FRI	2030L K2YAW 146.745
	FLORIDA SSB	SAT	1300Z	W4NWF	3955	81	LONG ISLAND QCWA CH.	SUN	1130L W2TLC 3917
	QCWA SSB	SUN	2000Z	varies	14347	85	ARK-LA-TEX CH.	MON	2100L VARIES 146.67
	FLORIDA SSB	WED	1500Z	W4NWF	7274	87	EVERGREEN CH.	SUN	1500Z VARIES 3984
	NE REGIONAL	SUN	0845L	W2AUF	3917	89	PALMETTO CH.	SUN	1700L N4LS 3695
	QCWA CW	WED	2000E	varies	7035	89	PALMETTO STATE CH.	SAT	0900L W4DNR 3927
1	CLEVELAND CH.	WED	2000L	KB8ZBH	146.88	91	VIC CLARK CH.	SUN	0900L W4QCW 146.79
2	CHICAGO AREA CH.	1TH	2130L	W9MOL	147.15	92	NORTHERN LIGHTS	SUN	2000L KL7CDG 146.97
4	NORTHWEST CH.	SUN	1200L	KF7P	3952	94	ROADRUNNER CH.	SUN	2000L WB5YYX 146.72
4	NORTHWEST CH.	SUN	0800L	W7PN	3565	95	EASTERN NEW YORK	SUN	1130L WB1M 3900
4	NORTHWEST CH.	SUN	1500L	W7PN	3952	96	GATEWAY CH.	SAT	1600Z W4KGT 3933
5	DELAWARE VALLEY CH.	SUN	1000L	W2EEQ	3917	102	DAKOTA CH.	SUN	0800L VARIES 3889
6	PITTSBURGH CH.	SUN	0830L	N3GHI	147.03	104	TREASURE STATE	SAT	0830L W7OTJ 3936
7	SOUTHERN CALIFORNIA	SUN	1000L	W6ZRZ	145.730	105	MIDDLE TENNESSEE CH.	THR	2000L WA4JJY 146.91
7	SOUTHERN CALIFORNIA	SUN	0900L	W6LPJ	3917	106	GERMAN CH.	TUE	1730Z VARIES 3555
8	UPPER MIDWEST CH.	SAT	0800L	W0KHG	3877	106	GERMAN CH.	MON	1700Z VARIES 3669
9	SOUTHWEST OHIO	SUN	1330L	W8DWT	3987	107	CENTRAL FLORIDA	SAT	0900L W4LHP 7243
10	MICHIGAN CH.	SUN	0800L	VARIES	3903	107	CENTRAL FLORIDA	THU	1230L W4LHP 14245
11	NORTHERN CALIFORNIA	SUN	0930L	WA6AFT	3907	108	BEAVER STATE CH.	WED	0800L VARIES 3909
11	NORTHERN CALIFORNIA	SAT	1000L	W6AQR	146.85-	109	BATON ROUGE CH.	SUN	0830L VARIES 3905
12	SOUTHEAST FLORIDA	WED	2000L	VARIES	146.76	109	BATON ROUGE CH.	SUN	2000L VARIES 146.79
14	SAN DIEGO CH.	WED	2000L	K6QM	145.52	110	KANSAS CH.	SAT	0730L KAORZO 3920
16	ARIZONA CH.	SUN	0630L	W7ER	3890	112	YANKEE CH.	SUN	0830L K1JJJ 3902
17	ALLEN TOWN-BETHLEHEM-	SUN	1200L	VARIES	3990	114	NORTH TEXAS CH.	SAT	0830L WA5BXH 3941.5
19	MISSOURI CH.	WED	1930L	KD0IR	147.15	120	QTR CTY WIRELESS WOMEN	TUE	1900Z K4KUU 14295
20	BALTIMORE CH.	MON	2100L	W3EE	147.285	122	LAKE ERIE TRI-STATE	SUN	0930L W3QPP 3915
21	CANTON OHIO CH.	THU	1930L	WA8DRT	146.79	123	LEE DEFOREST CH.	SAT	0730L VARIES 3940
25	NEBRASKA CH.	TUES	1900L	W0HXL	146.94	126	PIEDMONT CH.	SUN	0845L VARIES 3935
25	NEBRASKA CH.	SAT	0830L	VARIES	3982	128	PELICAN CH.	SAT	1000L K9BSL 145.29
28	CENTRAL NEW YORK	SUN	1530U	VARIES	3917	128	PELICAN CH.	MWF	1600L K9BSL 145.29
29	FINGER LAKES CH.	SUN	1230L	VARIES	3900	130	INLAND EMPIRE CH.	WED	1930L W6HV 1.896MH
30	WEST VIRGINIA CH.	SUN	1500L	W8UQ	3865	130	INLAND EMPIRE	SAT	0800L W6HV 3862
31	READING, PA CH.	MON	2100L	VARIES	146.91	130	INLAND EMPIRE	FRI	1600L W6HV 3862
32	GATOR CH.	SAT	0900L	VARIES	145.29	131	GULF COAST CH.	TUE	0900L WF4V 28750
33	GUNDERSON PENN-JERSEY	DAILY	2000L	W3APE	3982	134	PINE TREE CH.	SUN	1430L VARIES 3942
35	MIDCONTINENT CH.	THU	2030L	K0YML	146.97	135	MID-MICHIGAN CH.	TUE	2000L VARIES 146.70
37	HARRISBURG CH.	WED	2100L	K3IUY	147.12	138	CENTRAL NEW JERSEY	TUE	2200L VARIES 147.045
38	SAN ANTONIO CH.	SUN	2030L	W5HRF	28650	140	WYOMING CH.	SAT	0800L W7MZW 3923
41	DALLAS CH.	SUN	0715L	varies	3835	141	HI-PLAINS CH.	SAT	0900L W5MVJ 3933
45	CITRUS CH.	TUE	1930L	W4PLA	147.195	142	NORTHWEST OHIO	WED	2000L W8FO 146.79
46	FOUNDER'S CH.	THU	2030L	W2AUF	147.36	143	NORTH COLORADO CH.	SUN	0830L NOCG 145.115
46	FOUNDER'S CH.	SUN	0930L	W2AUF	3917	146	TWIN STATE CH.	SUN	0830L WA1NBI 3898
48	TREASURE COAST CH.	DLY	1700L	K4QM	14.176	149	NUTMEG CH.	SUN	1130L W1KHL 3923
48	TREASURE COAST	DLY	0800L	K4QM	7153	150	DEL-MAR-VA CH.	SUN	0900L K3PFW 146.82
49	PEACH STATE CH.	WED	2000L	VARIES	145.41	151	WILD ROSE CH.	MON	1900L VARIES 3747
49	PEACH STATE CH.	SAT	1400Z	K4VN	3857	152	ROYAL PALM CH.	MWF	1300L W4LZV 7220
51	TEX-LA GOLDEN TRIANGLE	MON	1830L	W5HYD	146.70	152	ROYAL PALM CH.	T-TH	1300L K4FA 14178
52	MISSISSIPPI GULF COAST	THUR	2000L	W5OXA	28.480	154	LEO MEYERSON CH.	THUR	1830L W9VKC 145.480
54	TYLER CH.	SUN	0800L	W5CNO	3835	157	PONY EXPRESS CH.	SUN	0830L W0GGP 3955
54	TYLER CH.	MON	1930L	W5RRM	28.650	160	UTAH CH.	SAT	1100L VARIES 7272
55	WISCONSIN CH.	SUN	0830L	VARIES	3985	162	SOUTHEAST WISCONSIN	THUR	2100L VARIES 147.87
58	COLORADO CH.	SUN	0930L	VARIES	146.07	164	BIG BEAR CH.	SAT	1900L N6EFT 147.33
58	COLORADO CH.	SUN	0900L	W9KRE	3905	165	YORK COUNTY PENNA	WED	2100L W3AXC 146.97
62	SUWANNEE CH.	SAT	0900L	W4PFJ	3940	166	COLONIAL CH.	TUES	1000L W3TTW 147.21
63	CENTRAL OKLAHOMA CH.	THUR	1700L	W5AS	145.41	169	SACRAMENTO VALLEY	DAILY	0730L VARIES 3854
63	CENTRAL OKLAHOMA CH.	SUN	0800L	W5AS	3855	170	CENTRAL WASHINGTON	WED	1900L VARIES 146.94
64	EL PASO CH.	SAT	0830L	VARIES	3933	173	GOLDEN TRIANGLE CH.	TUE	1900L KS4LT 147.255
65	NIAGARA FRONTIER	SUN	1330L	W2QI	3900	181	HUDSON VALLEY CH.	SUN	0815L W2OZA 3917
70	NATIONAL CAPITAL	THUR	2000L	VE3QCW	147.03	181	HUDSON VALLEY CH.	TUES	2030L WA2RRK 147.060
73	SOUTHERN ONTARIO	SUN	0900L	VE3DAR	3773	182	NORTHEAST TENNESSEE	SUN	2100L WA4NZT 146.76
73	SOUTHERN ONTARIO	SUN	1300L	VE3MO	7088	183	PIONEER CH.	SUN	1030L W1ALL 3923
75	CENTRAL CALIF. COAST	SAT	0800L	W6RBB	3917	184	BAY AREA CH.	SUN	1830L VARIES 146.64
76	BLUE RIDGE CH.	SAT	1300L	K4HXZ	3855	186	MESILLA VALLEY CH.	THUR	1900L AB5OU 146.84
77	NORTHERN NEW JERSEY	SUN	1300L	W2QJW	3917	188	LOST RIVER CH.	1ST W	1930L K7RFO 1 46.85
77	NORTHERN NEW JERSEY	THU	2000L	W2IET	147.285	191	MONTEREY BAY CH.	TUES	1930L AA6T 146.70
79	SUNFLOWER CH.	WED	2100L	VARIES	146.82	194	HAWAII CH.	1st S	1500L VARIES 7088
						196	EDISON CH.	EVERY	0730L VARIES 147.345
						196	EDISON CH.	EVERY	1000L VARIES 146.88

1998 NATIONAL CONVENTION

October 9 - 11, 1998

Hosted by the

LEO I. MEYERSON GREATER PALM SPRINGS AREA CHAPTER #154

at the

EMBASSY SUITES HOTEL

74-700 HIGHWAY 111, PALM DESERT, CA 760 340 6600

***Please make your reservation direct with the Embassy Suite Hotel
on their toll free line at 800-786-3329.***

Let the hotel know you are with the QCWA Convention

Chapter 154 President: Bob Rose, K6KRZ, 760 360 0698

Convention Chairman: Don Doughty, W6EEN, 760 345 8780

Convention Hotel This hotel is ideal for our Convention, located as it is on the City line between Indian Wells and Palm Desert. We have a special room rate of \$109.00 per night and this includes a 5 to 7pm open bar Cocktail Party each evening and an off the menu Breakfast each morning. The cutoff date for reservations is September 8, 1998. Plan to travel on Thursday and go home Sunday or Monday. If you fly in, rent a car. Most of the car rental agencies have competitive weekend packages.

Program A detailed program will be furnished with the registration package, but in general the program is as follows: An informal group breakfast will take place on Friday. Saturday and Sunday mornings and a 5 to 7pm Cocktail party will take place each evening. There will be a Ladies Luncheon and Fashion Show Saturday noon (men may attend, I will) and a Saturday Evening Banquet. Dave Bell, W6AQ, noted Film and TV Producer, will be the banquet speaker and those who have heard him before will come to the Convention just to hear him! We will have Seminars on Friday and Saturday Mornings, including Lew McCoy, W1ICP, speaking on Truth in Antenna Advertising, and Don Johnson, W6AAQ, speaking on Real Mobile Antennas, a QCWA Forum and others. The afternoons are mostly open for sightseeing trips and shopping on El Paseo.

Friday evening is open and we encourage you to try one of the 400 or so local restaurants. My favorite is Mario's on El Paseo where they sing Opera and Show tunes while you dine, and Bob's favorite is Basin Street West, where dinner is followed by an Old Timer's type show. We are taking a \$20 deposit per person to hold reservations for either of these two restaurants and which will be returned to you at the restaurant. And, there are many other fine restaurants nearby, including Jillian's, Club 74, Ruth's Chris Steak House, Vallentino's, Le Paon, Le St. Germaine, and others.

Afternoon Day Trips . There are many interesting things to do and see here in the Coachella Valley. Great shopping is available on nearby El Paseo (the Rodeo Drive of the Valley) and also at the Palm Desert Towne Center Mall; the recently opened Palm Springs Air Museum has a great collection of "old birds"; the Palm Springs Aerial Tram provides spectacular views of the valley from the top of Mt. San Jacinto; the Living Desert offers views of desert animals and plants in a unique setting; Jeep Tours to the Indian Canyons and old Oasis areas are available; There are three Las Vegas style Indian gaming casinos in the heart of the Coachella Valley; you may take a Hot Air Balloon Ride over the valley; and many more are available! We will have a Trip and Travel Desk in the registration area where you can obtain brochures, coordinate transportation, and so forth as needed. If you will check your interest on the reply form below we will send you brochures with your Convention Confirmation

October is the best time of the year here in the California Low Desert as the temperatures are in the 70's and 80's and the "winter visitors", i.e. snow birds, have not yet returned in great numbers. Summer rates and prices are still largely in effect and we have the place mostly to ourselves. Plan to come early and stay late!

Chapter 154 will **NOT** hold the Annual Spring Luncheon in either 1998 and 1999.
Come to the NATIONAL CONVENTION, October 9-11, 1998!

NAME _____ Call e-mail _____
 Spouse/Guest _____ Call QCWA # _____
 Address _____
 City _____ State _____ Zip _____
 Telephone _____

Interest in the following: (for planning purposes-check those of interest) Shopping on El

- ☐ Paseo Air Museum, ☐ Palm Springs TRAM, ☐ Visit to Living Desert,
☐ Jeep Tours, ☐ Hot Air Balloon Ride

Registration	Number	cost per person	Amount
Amateur Registrant	—	\$15.00	—
<i>There is no charge for non-ham spouse or guest</i>			
Deposit for Mario's reservation	—	20.00	—
Deposit for Basin Street West res.	—	20.00	—
Saturday Evening Banquet			
Prime Rib Au Jus	—	30.00	—
Chicken Piccata	—	26.00	—
Saturday Luncheon/Fashion Show	—	22.00	—
		TOTAL	—

PLEASE MAKE CHECKS OUT TO QCWA CHAPTER #154. Thank you.
 Mail to: Norm Friedman, W6ORD, 96 Palamino Cir., Palm Desert, CA., 92211-3212

Electricity

The following article submitted by Larry Briggs W3MSM, was published in a radio club bulletin quite a few years ago.

Today's scientific question is: What in the world is electricity? And where does it go after it leaves the toaster? Here is a simple experiment that will teach you an important electrical lesson: On a cool, dry day, scuff your feet along a carpet, then reach your hand into a friend's mouth and touch one of his dental fillings. Did you notice how your friend twitched violently and cried out in pain? This teaches us that electricity can be a very powerful force, but we must, never use it to hurt others unless we need to learn an important electrical lesson. It also teaches us how an electrical circuit works. When you scuffed your feet, you picked up batches of "electrons," which are very small objects that carpet manufacturers weave into carpet so that they will attract dirt. The electrons travel through your bloodstream and collect in your finger, where they form a spark that leaps to your friend's filling, then travel down to his feet and back into the carpet, thus completing the circuit.

AMAZING ELECTRONIC FACT: If you scuffed your feet long enough without touching anything, you would build up so many electrons that your finger would explode. But this is nothing to worry about unless you have carpeting. Although we modern persons tend to take our electric lights, radios, mixers, etc. for granted, hundreds of years ago people did not have any of these things, which is just as well because there was no place to plug them in. Then along came the first Electrical Pioneer, Benjamin Franklin, who flew a kite in a lightning storm and received a serious electrical shock. This proved that lightning was powered by the same force as carpets, but it also damaged Franklin's brain so severely that he started speaking only in incomprehensible maxims, such as, "A penny saved is a penny earned." Eventually he had to be given a job running the post office. After Franklin came a herd of Electrical pioneers whose names have become parts of our electrical terminology: Myron Volt, Mary Louise Amp, James Watt, Bob Transformer, etc. These pioneers conducted many important electrical experiments. Among them, Galvani discovered (this is the truth) that when he attached two different kinds of metal to the leg of a frog, an electrical current developed and the frog's leg kicked, even though it was no longer attached to the frog, which was dead anyway. Galvani's discovery led to enormous advances in the field of amphibian medicine. Today, skilled veterinary surgeons can take a frog that has been seriously injured or killed, implant pieces of metal in its muscles, and watch it hop (back into the pond where it sinks like a stone. But the greatest Electrical Pioneer of them all was Thomas Edison, who was a brilliant inventor despite the fact that he had little formal education and lived in New Jersey. Edison's first major invention in 1877 was the phonograph, which could soon be found in thousand of American homes, where it basically sat until 1923, when the record was invented. But Edison's greatest achievement came in -1879 when he invented the electric company. Edison's design was a brilliant adaptation of the simple electrical circuit. The electric company sends electricity through a wire to a customer then immediately gets the electricity back through

Continued on page 55

Y2K (Year 2000) - What is it?

By Gerry Wentz, KC4EHT

In case you haven't heard, the year 2000 is fast approaching and along with it, dire predictions of everything from the end of civilization as we know it to major disruptions in just about everything in our daily lives that are under the influence of computers.

The problem is labeled as the Y2K problem, a problem unfortunately built into computers many years ago and pretty much ignored until recently. Basically, it involves the allocation of space to designate the date with two digits. For example the year 1998 in the computer world is 98. That served quite well as long as everybody wrote their programs under the assumption that the unmentioned digits were "19". Think of it as the shorthand way one writes dates - 05/08/98. But what happens when all the computers click over to the year 2000? Many computers will see "00" as the year and assume it's 1900. That is a very fundamental description of the Y2K problem.

Compounding the problem are things called modules. Through the years, programmers wrote certain operations that over the years, operated without glitches or bugs. Since many programs use operations that never vary from application to application, they would just plug in the module to perform the operation and save a lot of programming time. Many of these modules have been around for years and were not written with the year 2000 in mind.

There are millions of computers and applications in the world that have the potential to create faulty information or calculations. The vast networks of computers that control almost everything in our daily lives are only as strong as its weakest link. Several computers generating erroneous information in a vital link will bring the whole network down or else slow it to the point where it will have a negative effect on the efficiency of the operation.

Much of the data in business passes through the vast array of satellites circling the earth. By and large, the satellites are Y2K compliant but the computers with which they interact are not. GPS systems are expected to have problems and they are critical to ground, sea, and air navigation. Grocery chains relay their inventory requirement through satellites to stocking centers that dispatch delivery trucks via satellite.

In his book "Time Bomb 2000: Edward Yourdon, one of America's foremost experts on the Y2K problem said that inventory maintenance for grocery stores may be a huge problem but the greater problem eventually will be access to money. Many banks will experience problems and easy access to cash or use of credit cards may prove to be problematical. Some financial news services are "mentioning" that withdrawal caps may be set at \$100.00 per transaction as the year 2000 approaches to prevent a run on the banks.

There are serious concerns for the failure of America's power grid with sporadic power outages predicted for anywhere from a few days to as much as several weeks. There are many that believe that should a major power grid failure occur, martial law will be invoked. Some predict the year 2000 as the opportune time for a rogue nation to attack the United States.

The common thread that runs through the discussion is that there will be a crisis of UNKNOWN proportions in the year 2000. The degree of the crisis is ripe for speculation but it will happen. It is incumbent on most of us to make some effort to prepare for food and money shortages. As disgusting as it may sound, you might want to store away a month's supply of MRE's and stuff a sizeable wad of money in your mattress or some other sacred secret place.

Ham radio operators are a resourceful bunch but we may be facing a crisis for which paper clips and baling wire will not provide a solution.

Member Classified

Wanted: Military surplus gear for use on ham bands. Tube or solid state. Prefer tough general coverage unit which will operate out of ham band MARS frequencies. Will pick up within 1000 miles or so of New Orleans. QSL w5jv@amsat.org or write W5JV.

WANTED: Current or past owners of the John L. Leary re-engineered Hammarlund SP-600 receiver, seeking information and serial number of receiver. Bill Mills, KC4AA, 188 Ellis Mill Road, NE, Milledgeville, GA 31061-9020. (912) 452-2957 or e-mail: wmills@gmc.cc.ga.us.

WANTED: Air Champ one-tube radios in cardboard boxes. Popular in early 50's as cub/boy scout radio kits. Howard Rensin, KC3D; 3405 shady La. Glenwood, MD 21738 hrensins@erols.com

WANTED: A copy or actual QSL of ITS, Don Mix, prior to 1923. Want to replicate as a tribute. Will Revaz W1TS, 13 Scott Rd. Oxford, CT 06478 203-888-8848 or w1ts@snet.net

FOR SALE: Heath SB-1400 (FT-747-GX) with power supply/speaker - FM module - mike and operation manual - \$500.00 plus shipping. Wayne Flickinger W9BKJ, 1445 Bencreek Dr., Marietta, GA 30062. Ph: 770-321-1849

WANTED: Collins 51S-1, Mosley CM-1, GE X-371, Hallicrafters CR-3000, Ten-Tec 315, RX-10, State condition and price. Herman Schnur 3205 Brick Kiln Rd., Greenville, NC 27858. Ph: 252-752-2264

HELP: I have Tempo 2020, defective mode switch. Do some Yaesu rigs use this? Replacement suggestions? Help! WORJZ Jack Robinson, Box 674 Creston Iowa 50801. Ph: 505-782-2205

WANTED: Manual for APA-38. Also Zenith 6s222 receiver. Gary Cain W8MFL, PO Box 521, Shakopee, MN 55379. Ph: 612-496-3794

SALE: ICOM AH-3 Tuner. Never used. Price \$495.00 plus shipping. Call 304-472-5483. M.J. Norona WA8WCK, 33 Central Avenue, Buckhannon, WV 26201

FOR SALE: SX 42 & speaker. \$125.00 plus shipping. Works great. Steve K6HPA, 2714 Monterey Rd., San Marina, CA 91108. Ph: 626-441-1058

Electricity - Continued from page 54

another wire. Then (this is the brilliant part) sends it right back to the customer again.

This means that an electric company can sell a customer the same batch of electricity thousands of times a day and never get caught, since very few customers take the time to examine their electricity closely. In fact, the last year any new electricity was generated was 1937. Today, thanks to men like Edison and Franklin, and frogs like Galvani's, we receive almost unlimited benefits from electricity. For example, in the past decade scientists have developed the laser, an electronic appliance so powerful that it can vaporize a bulldozer 2000 yards away, yet so precise that doctors can use it to perform delicate operations to the human eyeball, provided they remember to change the power setting from "Bulldozer" to "Eyeball."

FOR SALE: 1890 Modern Practice of the Electric Telegraph; 1910 Electric Importing Catalog, 120 Pages; 1911 MESCO Catalog of Wireless Telegraphy; 1912 Hugo Gernsback's Modern Electrics. \$15.00 each, postpaid. Dr. W.C. Hess, W6CK, P.O. Box 19, Pasadena, CA 91102

FOR SALE: Two Meyers Tubes - NEW and in original packets. Date on packet 1921. Will accept offers for same. W.R. Savage VE6EO, 833 Stafford Drive North, Lethbridge, Alberta T1H 2B7

BOOK LIST: Revised. Over 600 on Radio, Electronics, Electrical, Manuals, Magazines and miscellaneous. Many collectables. Send SASE for List. Chuck W6IEG, P.O. Box 1244, Oakhurst, CA 93644

WANTED: Hi power solar panels, 12 volt, for repeater in Dominica. KK4WW@fairs.org or call 540-763-2321

WANTED: Collins 51S1, KWM-380, 75S3B/C, RME-9; National HRO-500, NC-400; Hallicrafters SX-88, SX-73; Hammarlund Pro 310, Drake TR-6, R4C. Steve, K6PFW, 848 N. Silverwood, Upland, CA 91786 Ph: 909-985-1062 E-mail: wsbarnes@ccc.org

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(Please Print Name Clearly)

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having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

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I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued _____ Other calls held _____

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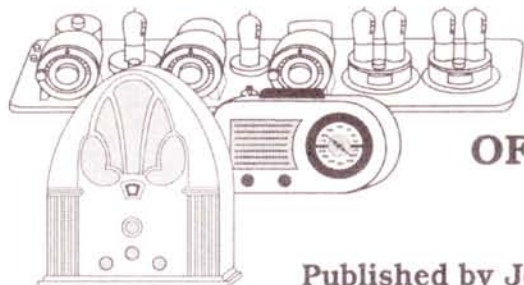
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